

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066673.D
 Acq On : 14 Sep 2020 15:10
 Operator : VA/SY
 Sample : L3928-07
 Misc : 7.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 01:26:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	364255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	707893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	425321	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	247497	56.16	ug/l	0.00
Spiked Amount						
			Recovery	=	112.32%	
35) Dibromofluoromethane	7.91	113	232471	48.68	ug/l	0.00
Spiked Amount						
			Recovery	=	97.36%	
50) Toluene-d8	10.34	98	1037383	60.78	ug/l	0.00
Spiked Amount						
			Recovery	=	121.56%	
62) 4-Bromofluorobenzene	12.63	95	887247	156.77	ug/l	0.00
Spiked Amount						
			Recovery	=	313.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	433	Below Cal	#	46
5) Bromomethane	2.77	94	940	Below Cal	#	60
10) Methyl Iodide	4.31	142	711	4.199	ug/l #	47
11) Tert butyl alcohol	5.17	59	64	Below Cal	#	74
16) Acetone	4.16	43	9169	11.307	ug/l #	83
20) Methylene Chloride	4.96	84	61480	8.406	ug/l	91
25) 2-Butanone	7.20	43	2723	2.502	ug/l #	51
31) Cyclohexane	7.98	56	34954	4.862	ug/l #	68
36) 1,1-Dichloropropene	7.97	75	35666	4.841	ug/l #	50
38) Carbon Tetrachloride	7.97	117	40023	5.140	ug/l #	19
39) Methylcyclohexane	9.35	83	677121	82.311	ug/l	95
43) Isopropyl Acetate	8.45	43	12129	2.158	ug/l #	52
45) 1,2-Dichloropropane	9.35	63	9710	1.914	ug/l #	1
47) Bromodichloromethane	9.62	83	23448	3.096	ug/l #	59
48) Methyl methacrylate	9.40	41	70928	24.951	ug/l #	35
51) 4-Methyl-2-Pentanone	10.33	43	180543	63.679	ug/l #	50
55) 1,1,2-Trichloroethane	10.77	97	1486746	413.060	ug/l #	21
56) Ethyl methacrylate	10.64	69	353836	84.431	ug/l #	86
59) 2-Hexanone	10.96	43	3867351	2028.373	ug/l #	31
60) Dibromochloromethane	11.06	129	8499	1.786	ug/l	70
61) 1,2-Dibromoethane	11.25	107	5273	1.506	ug/l #	3
64) Tetrachloroethene	10.87	164	6616	1.656	ug/l #	77
65) Chlorobenzene	11.57	112	64682	5.282	ug/l #	44
67) Ethyl Benzene	11.74	91	6994171	311.082	ug/l	97
68) m/p-Xylenes	11.86	106	4410648	528.335	ug/l	99
69) o-Xylene	12.18	106	1151601	153.924	ug/l	94
70) Styrene	12.18	104	73932	5.684	ug/l #	1
73) Isopropylbenzene	12.48	105	7112465	225.862	ug/l	99
74) N-amyl acetate	12.28	43	7907578	1108.720	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.68	83	265411	47.708	ug/l #	1
76) 1,2,3-Trichloropropane	12.83	75	76862	18.791	ug/l #	100
78) n-propylbenzene	12.83	91	11339689	297.051	ug/l	96
79) 2-Chlorotoluene	12.92	91	2327587	108.686	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.97	105	8798465	331.962	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

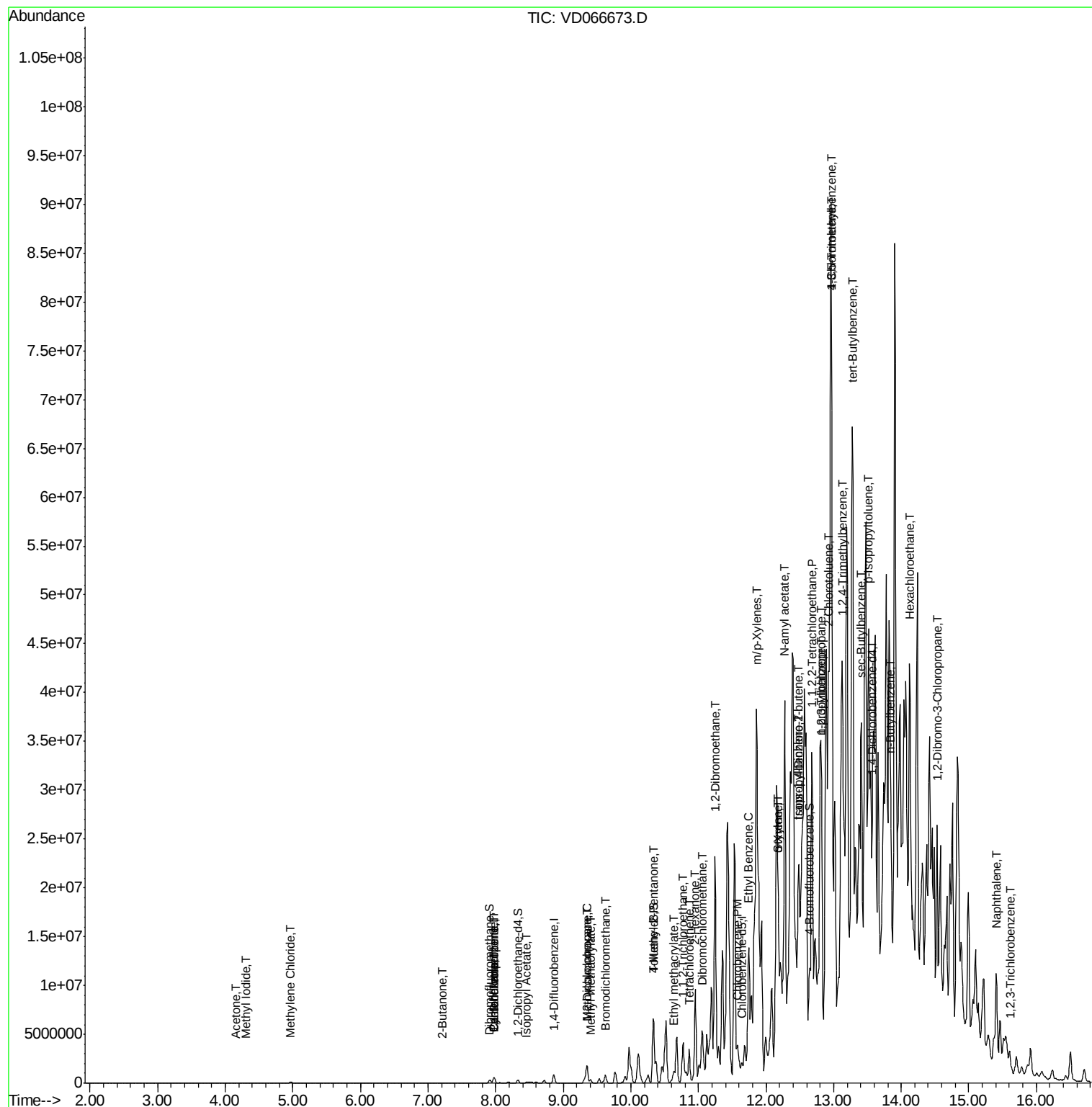
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.48	75	88200	50.341	ug/l #	46
82) 4-Chlorotoluene	12.97	91	1102318	48.134	ug/l #	65
83) tert-Butylbenzene	13.28	119	5474394	252.931	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.12	105	17872926	677.307	ug/l	91
85) sec-Butylbenzene	13.41	105	12770200	409.526	ug/l	88
86) p-Isopropyltoluene	13.53	119	8398424	299.230	ug/l	97
89) n-Butylbenzene	13.85	91	5910962	216.119	ug/l #	76
90) Hexachloroethane	14.13	117	1502666	248.478	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.53	75	41057	43.444	ug/l #	21
95) Naphthalene	15.41	128	8085411	632.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.63	180	8339	1.338	ug/l #	60

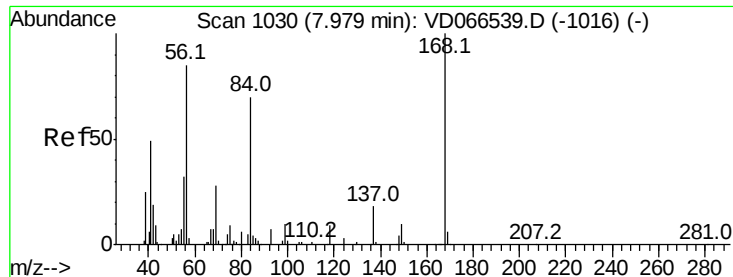
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

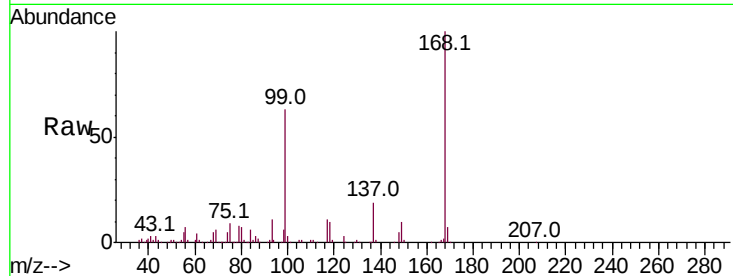
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 364255

Ion Ratio Lower Upper

168 100

99 62.7 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

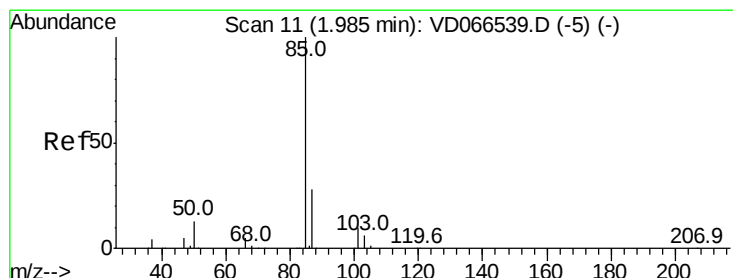
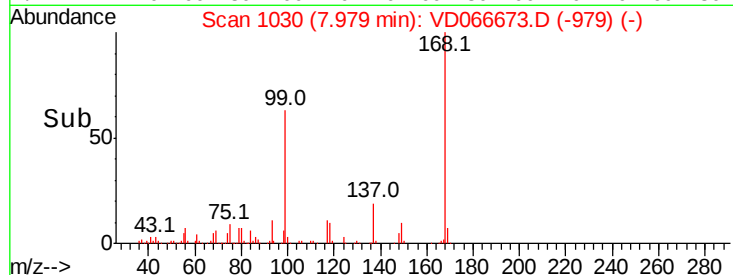
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066673.D

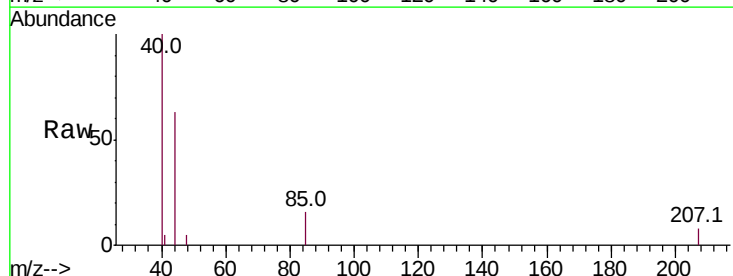
Acq: 14 Sep 2020 15:10

Tgt Ion: 85 Resp: 433

Ion Ratio Lower Upper

85 100

87 0.0 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

600

500

400

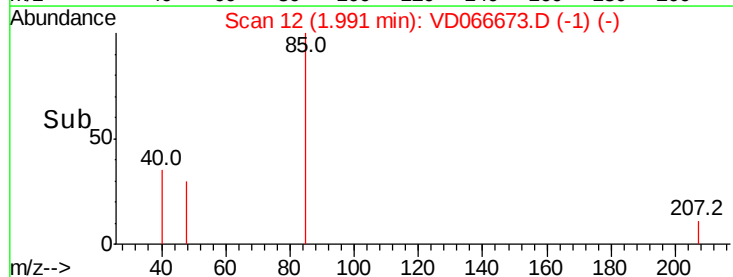
300

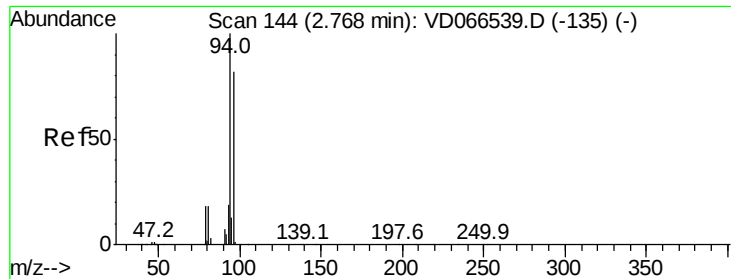
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

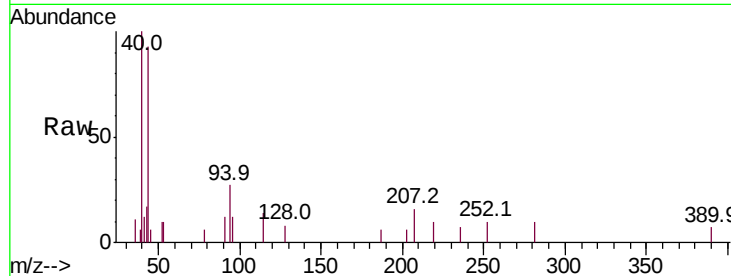
ClientSampleId :

Tot Ion: 94 Resp: 940

Ion Ratio Lower Upper

94 100

96 46.0 65.2 97.8#

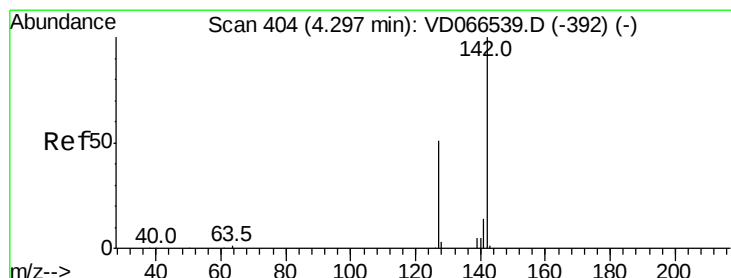
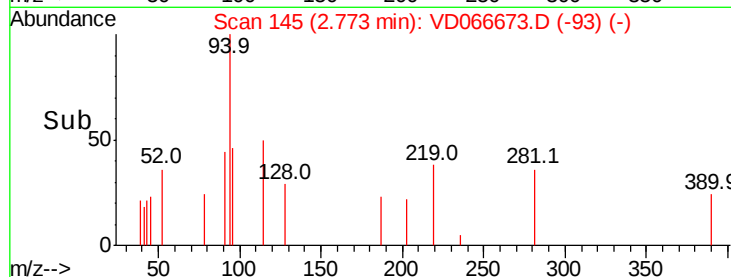
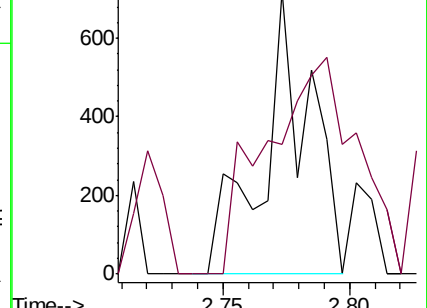


Abundance Ion 93.90 (93.60 to 94.60): V

Ion 95.90 (95.60 to 96.60): V

2.77

2.75 2.80



#10

Methyl Iodide

Concen: 4.199 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

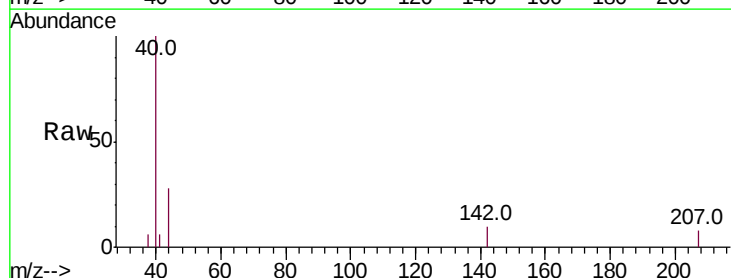
Tgt Ion: 142 Resp: 711

Ion Ratio Lower Upper

142 100

127 10.7 40.6 61.0#

141 0.0 12.2 18.4#



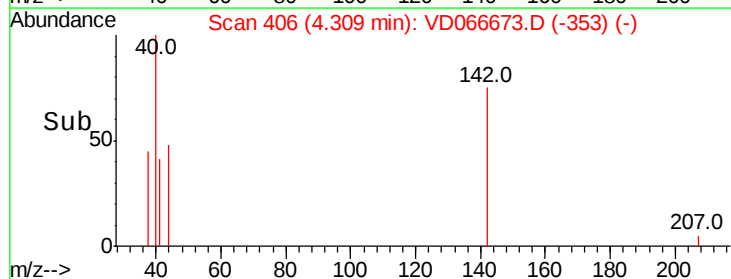
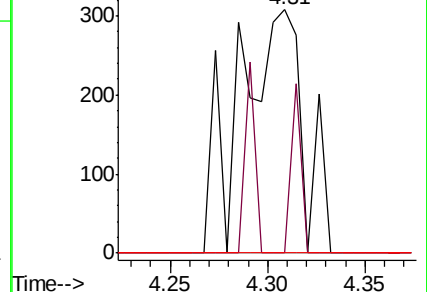
Abundance Ion 141.80 (141.50 to 142.50): V

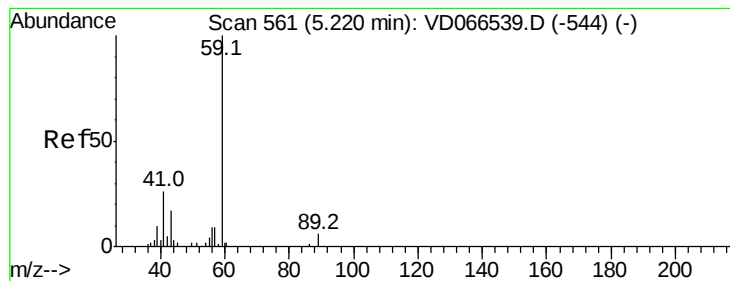
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.31

4.25 4.35



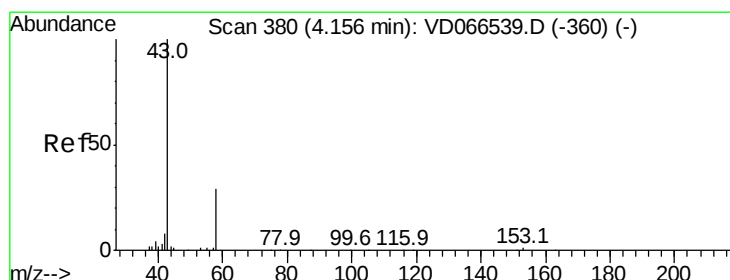
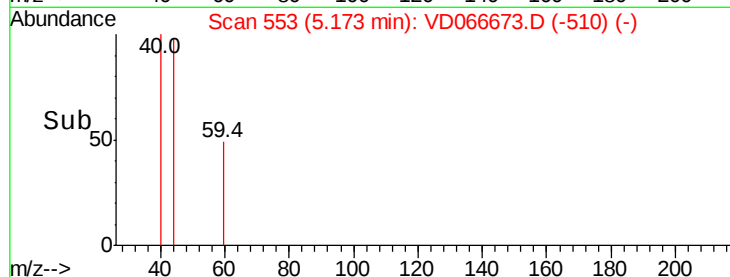
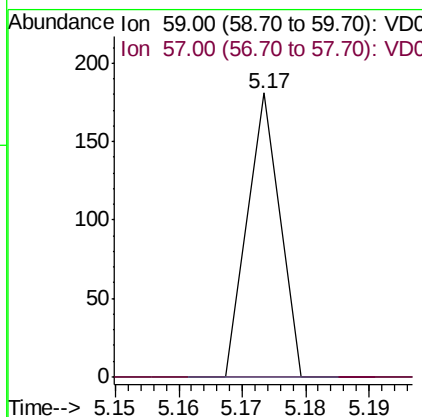
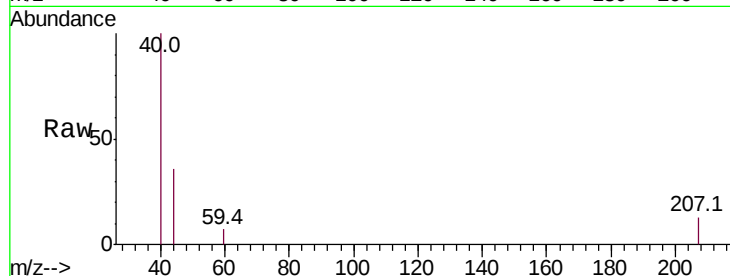


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 553
 Delta R.T. -0.05 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Instrument :
 MSVOA_D
 ClientSampleID :

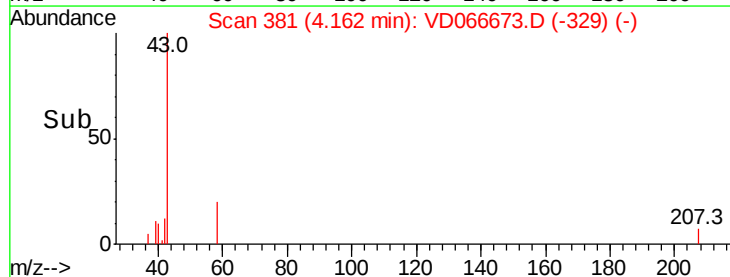
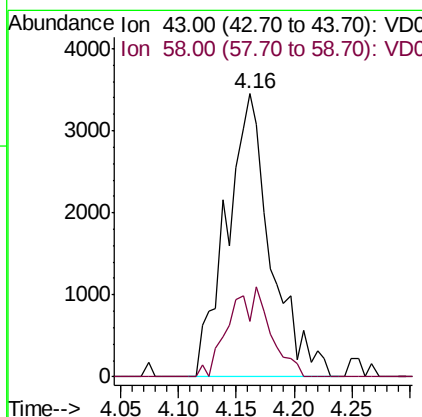
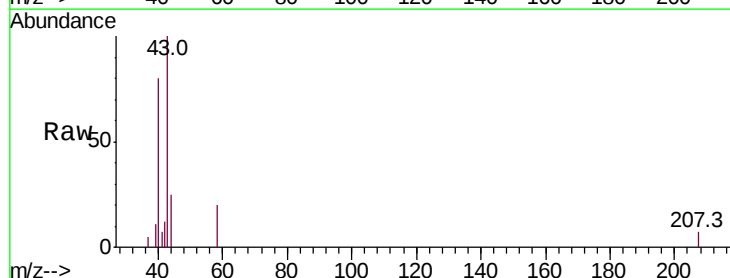
Tot Ion: 59 Resp: 64
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

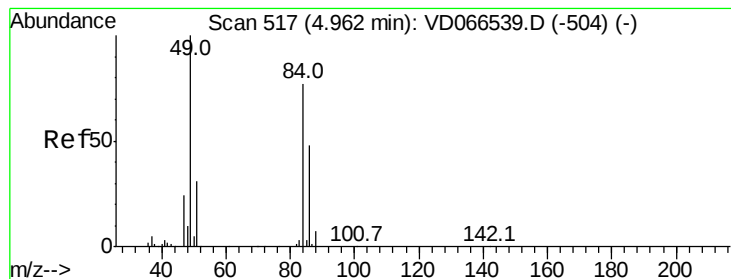


#16

Acetone
 Concen: 11.307 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Tgt Ion: 43 Resp: 9169
 Ion Ratio Lower Upper
 43 100
 58 19.7 22.9 34.3#





#20

Methylene Chloride

Concen: 8.406 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 61480

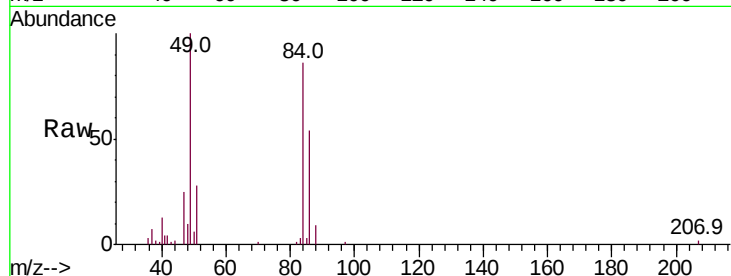
Ion Ratio Lower Upper

84 100

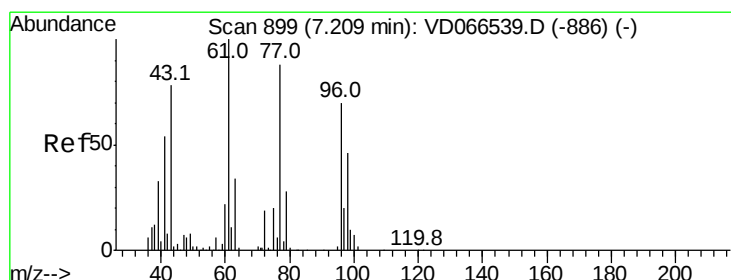
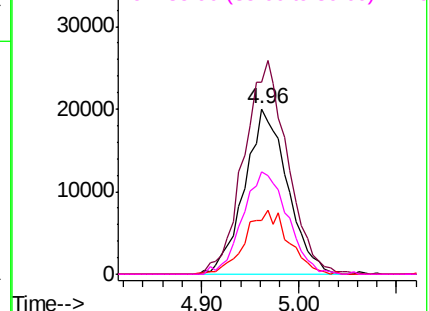
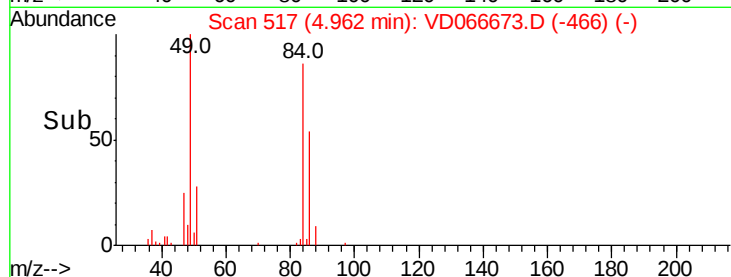
49 115.7 104.3 156.5

51 32.8 32.2 48.4

86 62.1 50.0 75.0



Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



#25

2-Butanone

Concen: 2.502 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066673.D

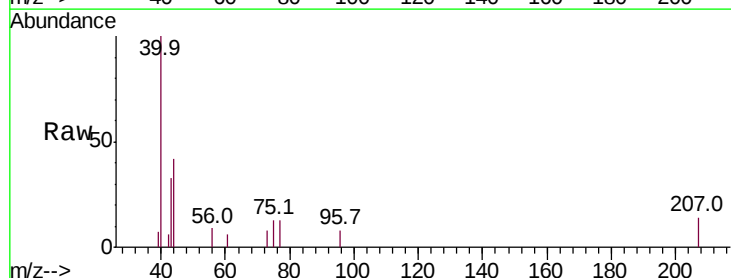
Acq: 14 Sep 2020 15:10

Tgt Ion: 43 Resp: 2723

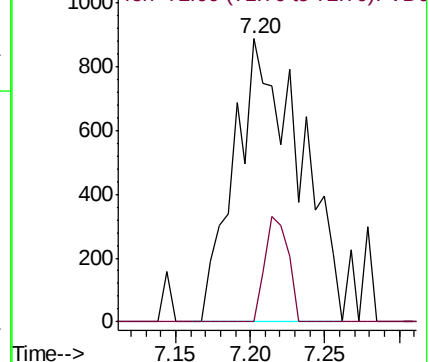
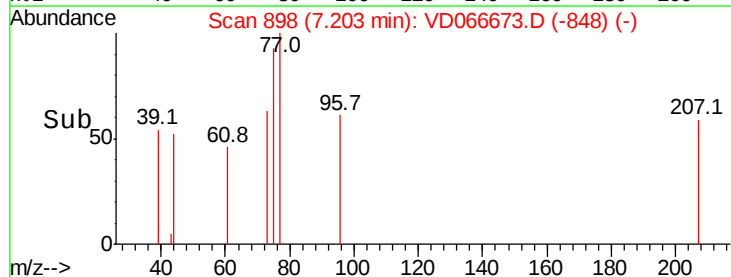
Ion Ratio Lower Upper

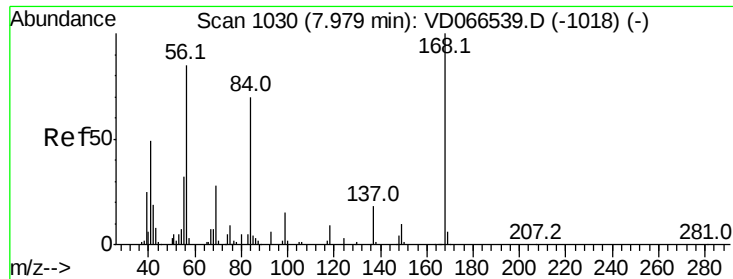
43 100

72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

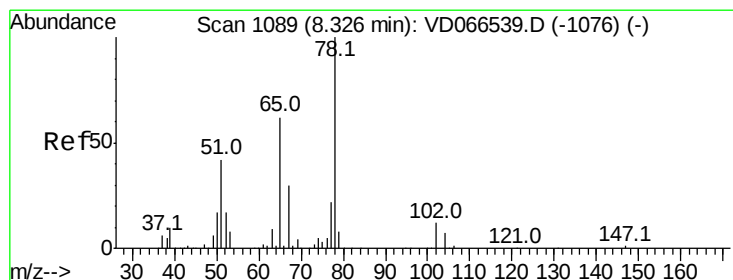
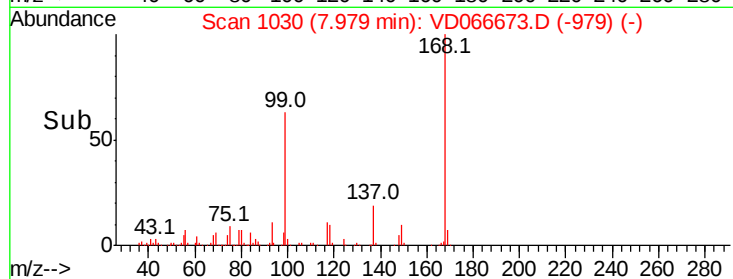
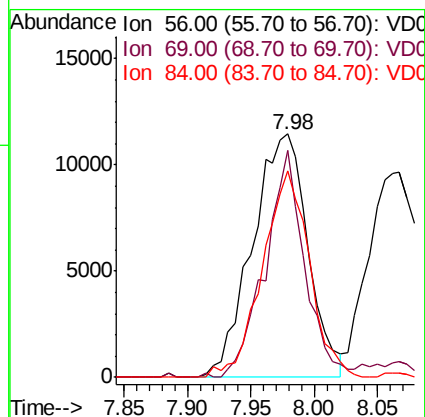
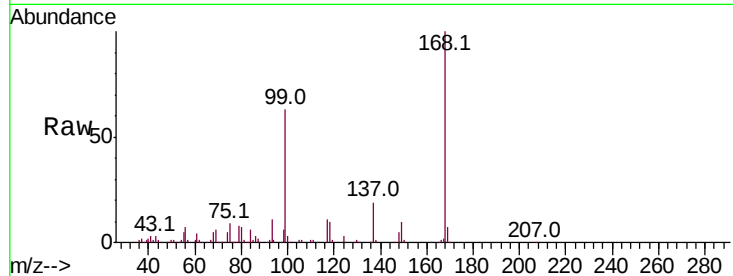




#31
Cyclohexane
Concen: 4.862 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

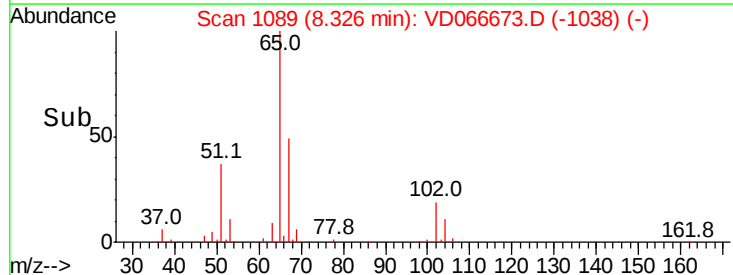
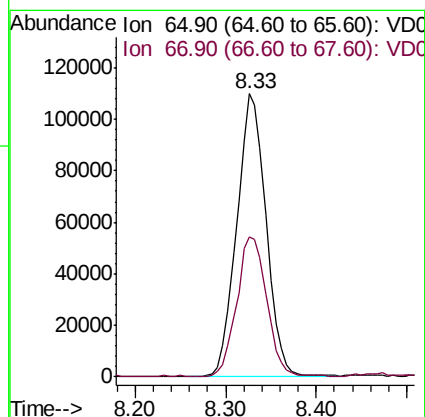
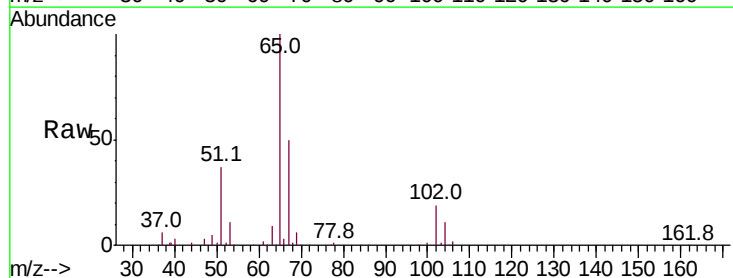
Instrument :
MSVOA_D
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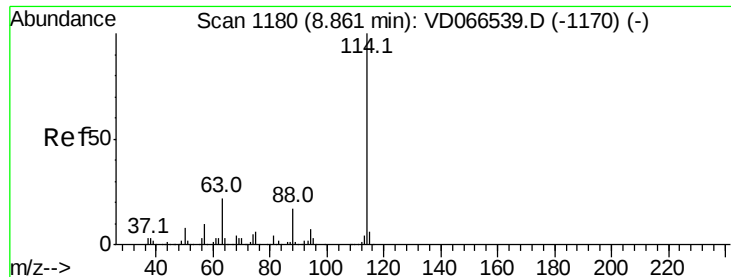
Tot Ion: 56 Resp: 34954
Ion Ratio Lower Upper
56 100
69 93.5 26.3 39.5#
84 85.0 66.1 99.1



#33
1,2-Dichloroethane-d4
Concen: 56.158 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion: 65 Resp: 247497
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.8

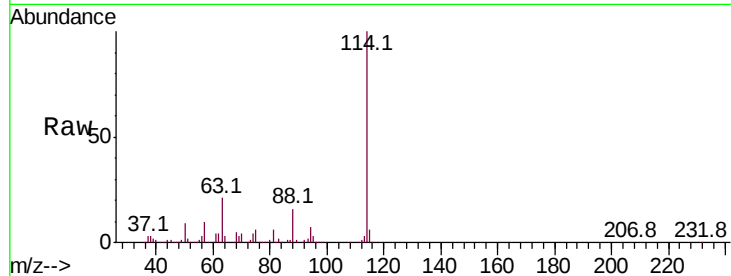




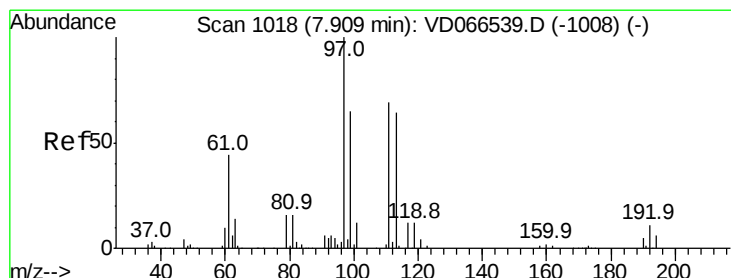
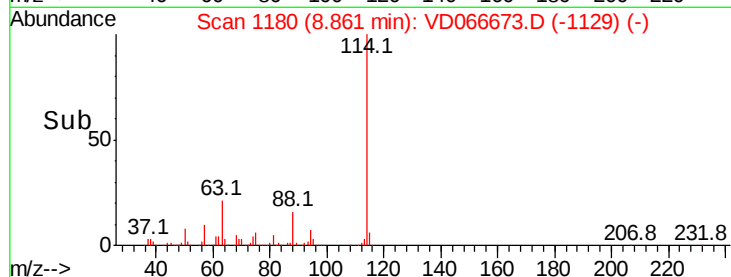
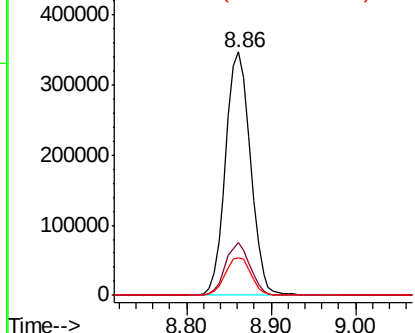
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 707893
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.6 0.0 33.2

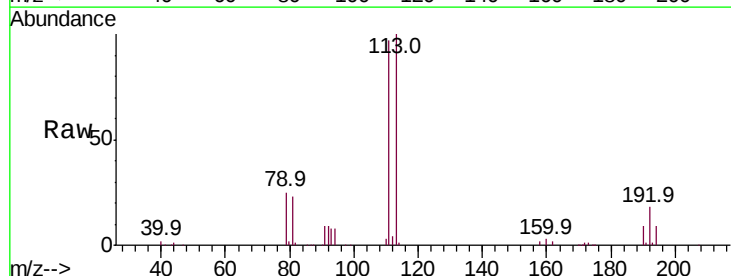


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

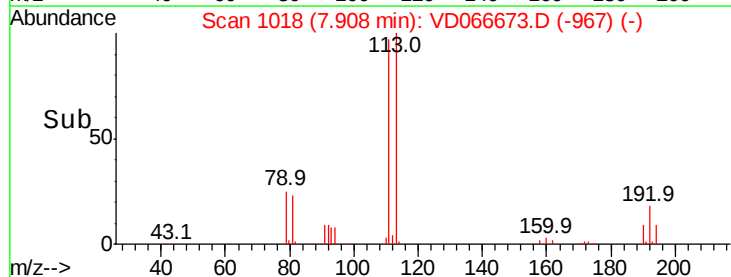
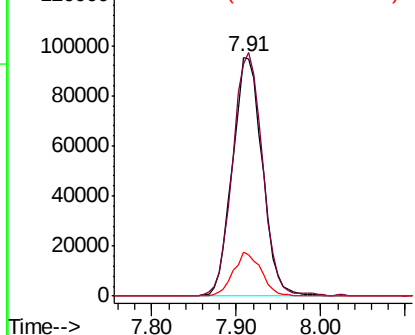


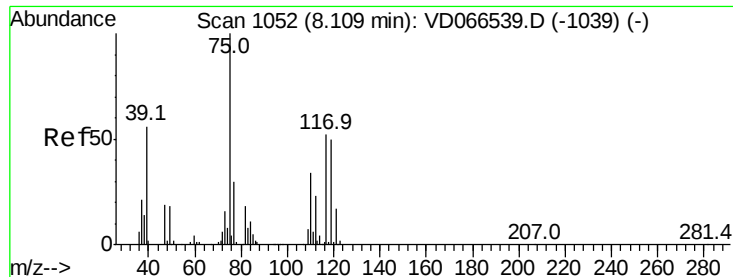
#35
 Dibromofluoromethane
 Concen: 48.680 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Tgt Ion:113 Resp: 232471
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.2 124.8
 192 17.2 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

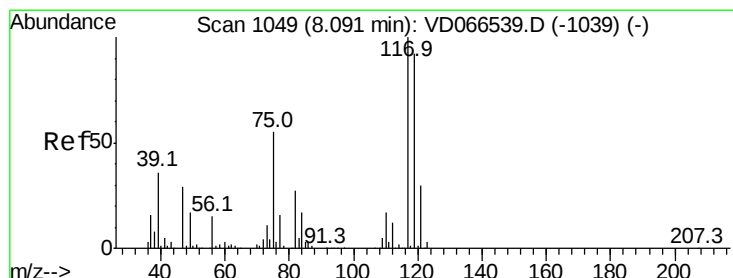
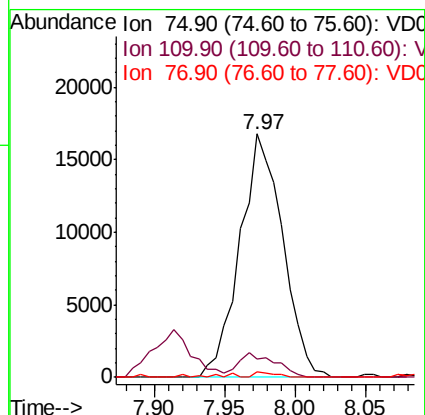
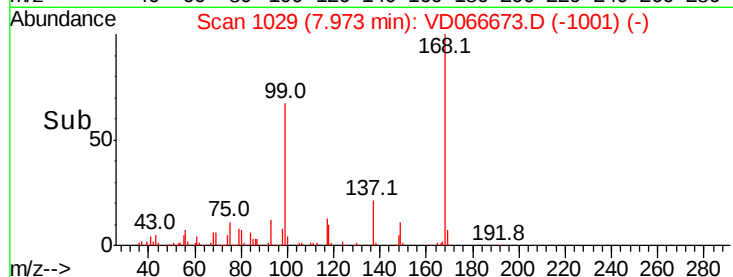
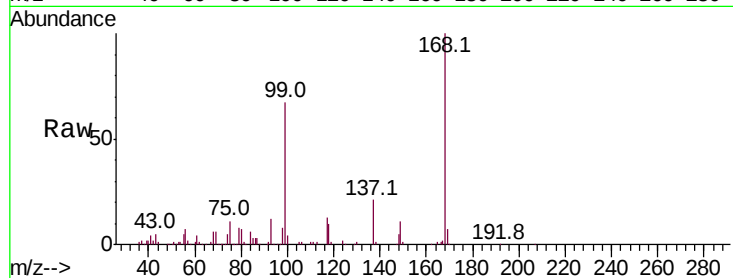
Tot Ion: 75 Resp: 35666

Ion Ratio Lower Upper

75 100

110 8.6 17.3 52.0#

77 1.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.140 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

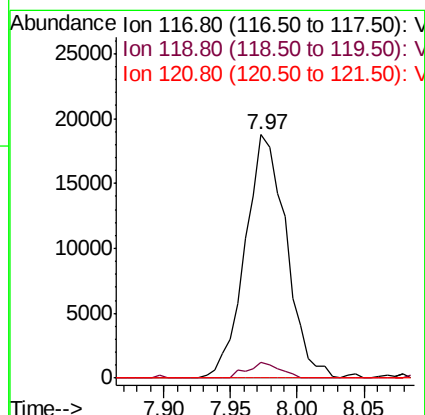
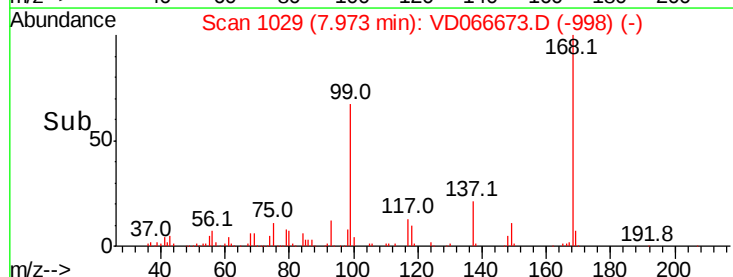
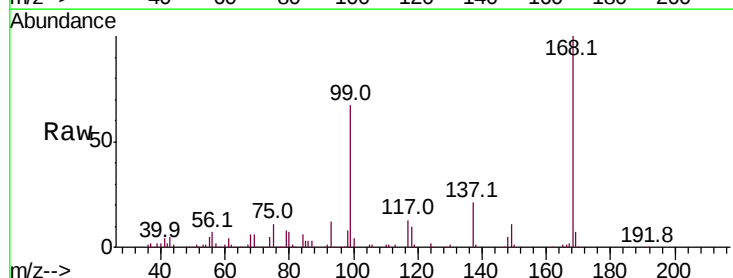
Tgt Ion: 117 Resp: 40023

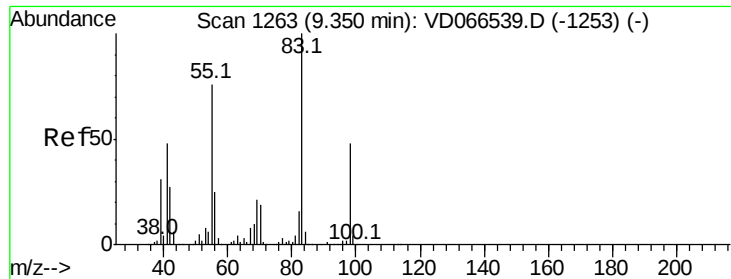
Ion Ratio Lower Upper

117 100

119 6.6 73.9 110.9#

121 0.0 24.1 36.1#

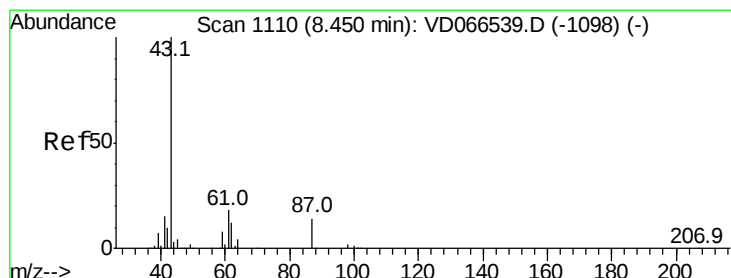
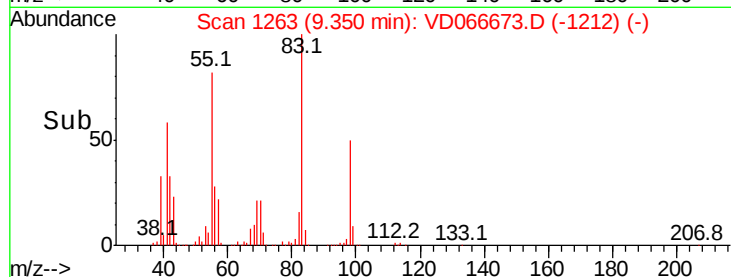
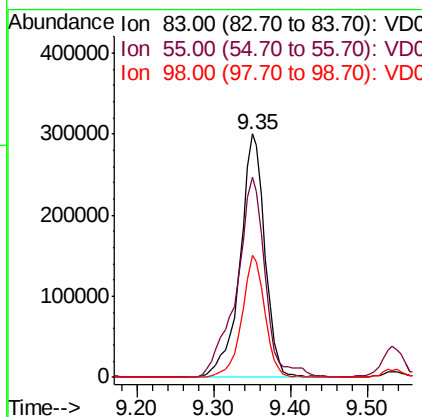
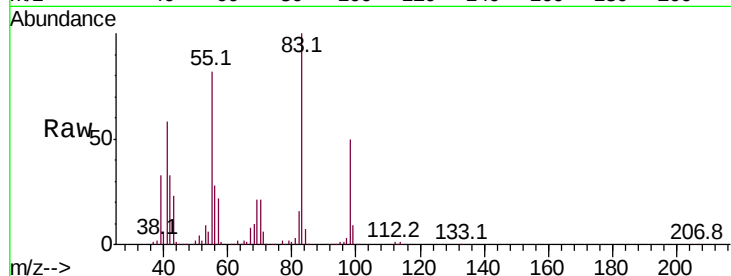




#39
Methvlcvclohexane
Concen: 82.311 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

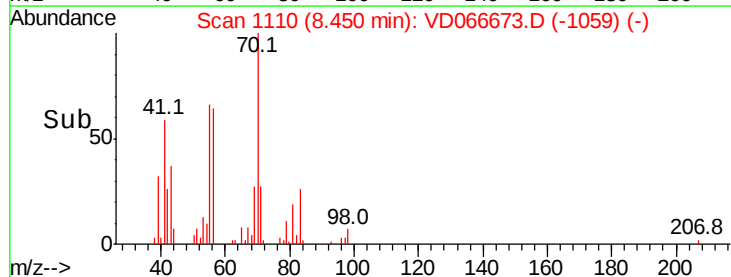
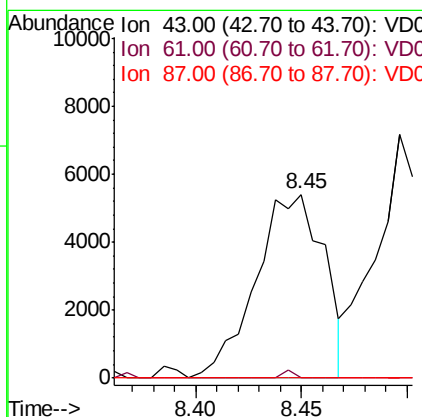
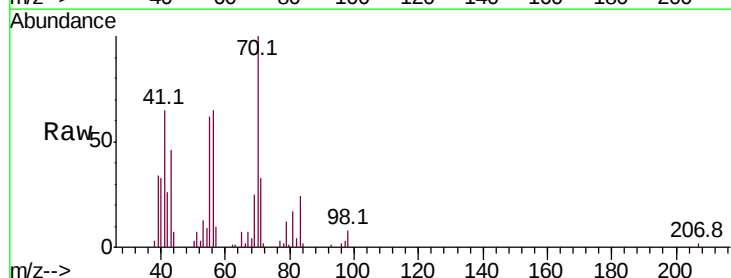
Instrument :
MSVOA_D
ClientSampleId :

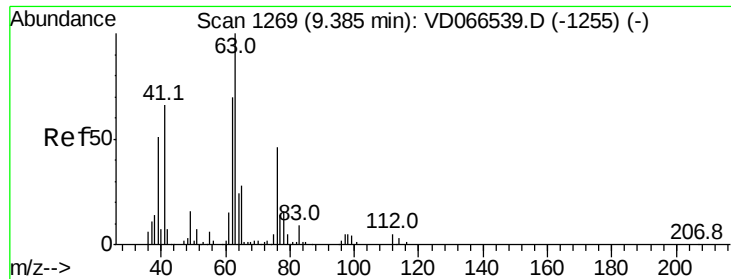
Tot Ion: 83 Resp: 677121
Ion Ratio Lower Upper
83 100
55 81.9 60.8 91.2
98 49.9 38.6 58.0



#43
Isopropyl Acetate
Concen: 2.158 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion: 43 Resp: 12129
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 10.7 16.1#





#45

1,2-Dichloropropane

Concen: 1.914 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

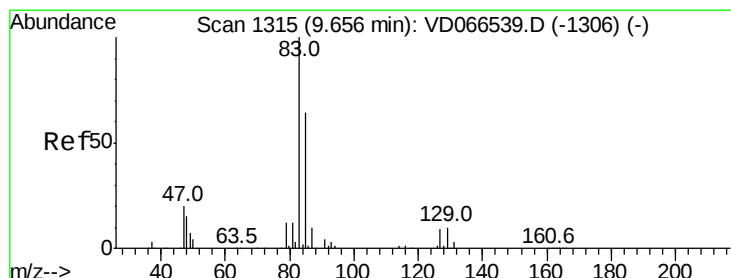
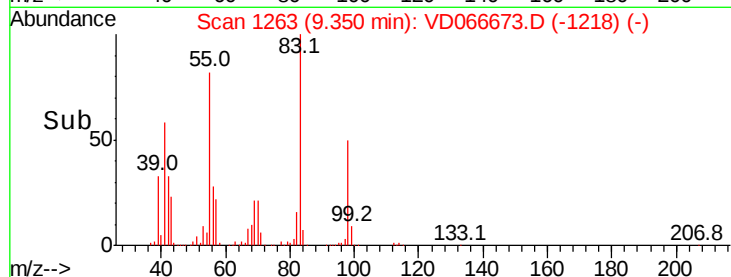
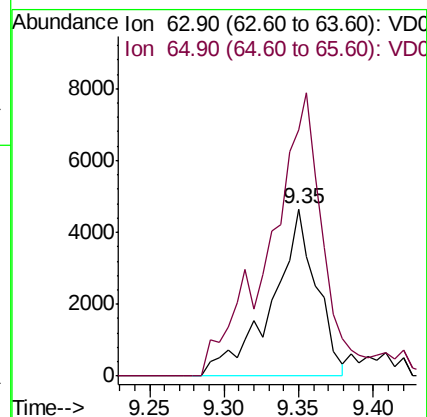
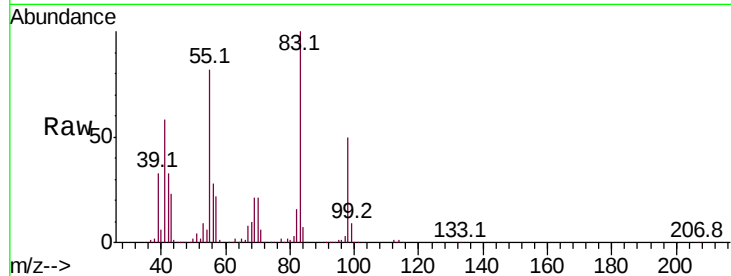
ClientSampleId :

Tot Ion: 63 Resp: 9710

Ion Ratio Lower Upper

63 100

65 147.6 22.6 34.0#



#47

Bromodichloromethane

Concen: 3.096 ug/l

RT: 9.62 min Scan# 1309

Delta R.T. -0.04 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

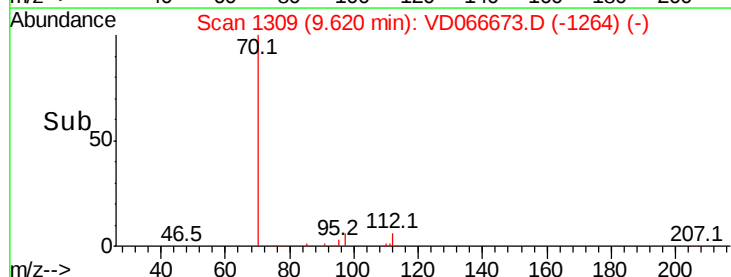
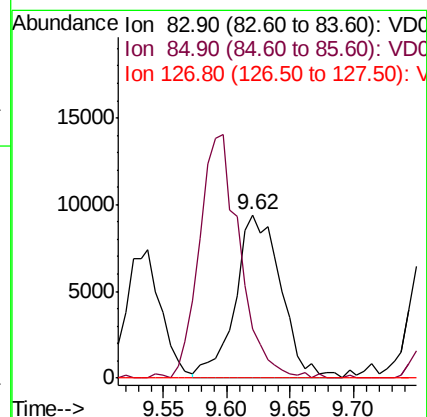
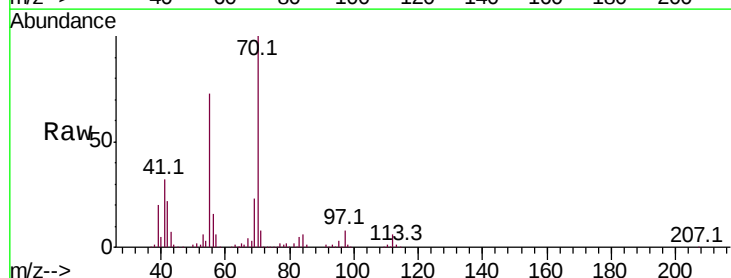
Tgt Ion: 83 Resp: 23448

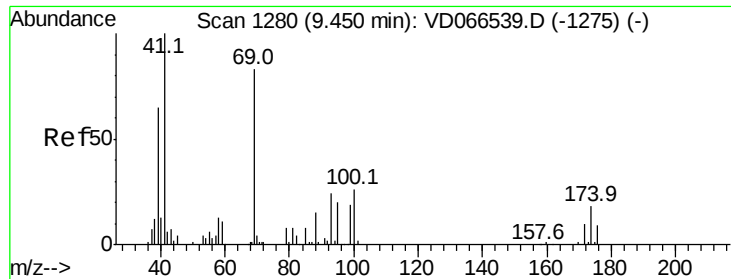
Ion Ratio Lower Upper

83 100

85 29.8 51.1 76.7#

127 0.0 6.9 10.3#

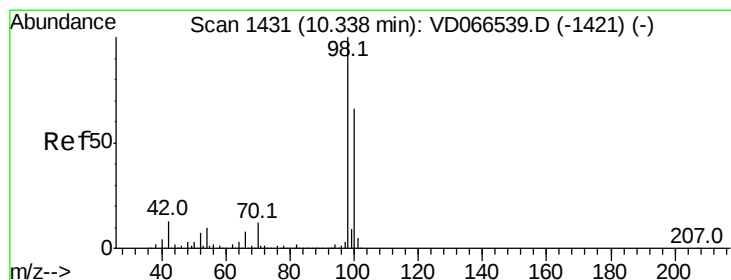
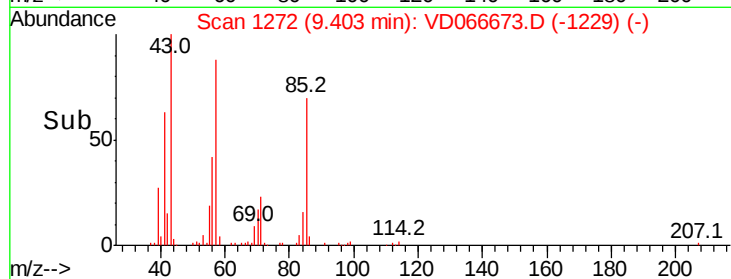
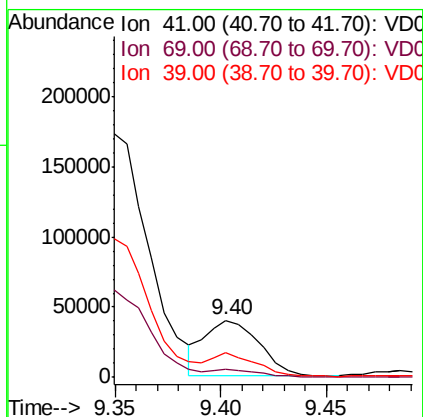
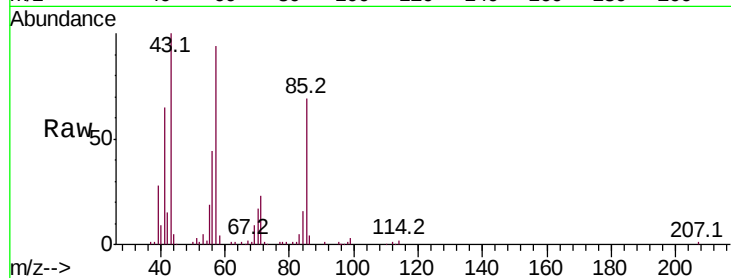




#48
Methvl methacrylate
Concen: 24.951 ug/l
RT: 9.40 min Scan# 1272
Delta R.T. -0.05 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

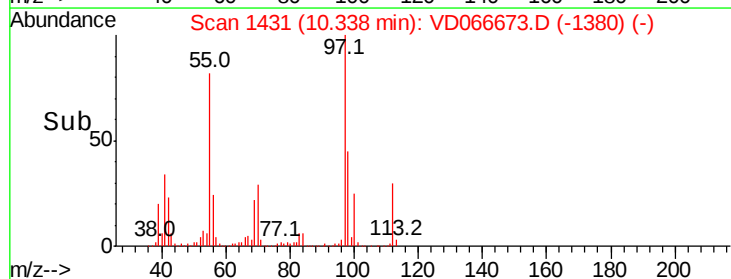
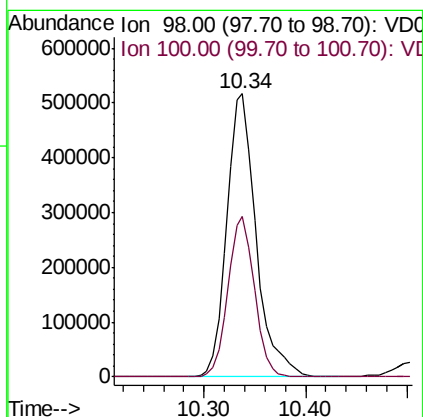
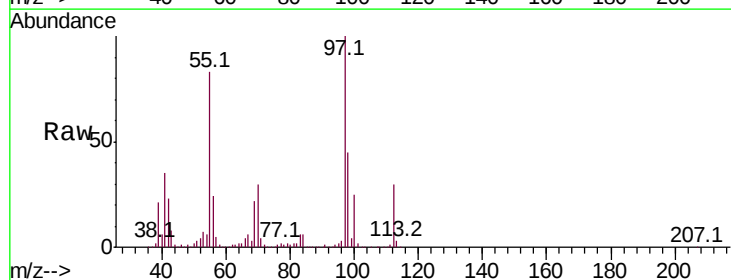
Instrument :
MSVOA_D
ClientSampled :

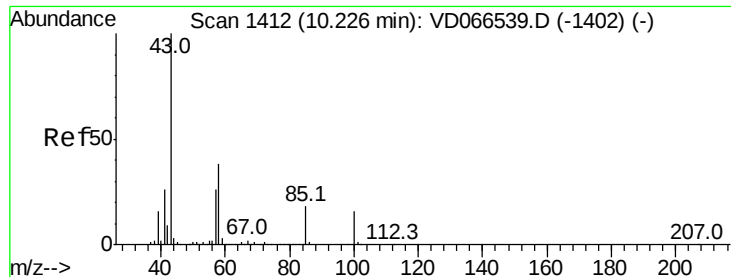
Tot Ion: 41 Resp: 70928
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 36.2 46.6 69.8#



#50
Toluene-d8
Concen: 60.778 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion: 98 Resp: 1037383
Ion Ratio Lower Upper
98 100
100 51.1 52.9 79.3#





#51

4-Methyl-2-Pentanone

Concen: 63.679 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

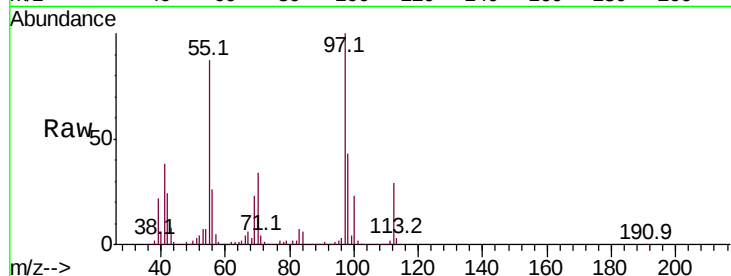
ClientSampleId :

Tot Ion: 43 Resp: 180543

Ion Ratio Lower Upper

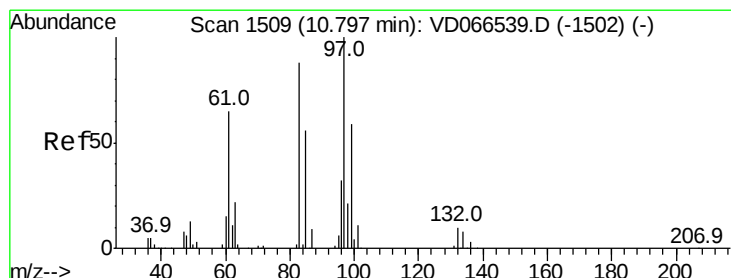
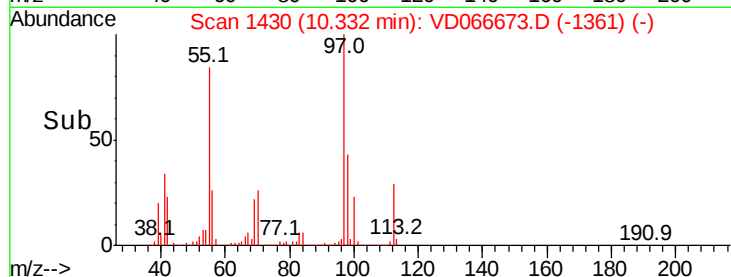
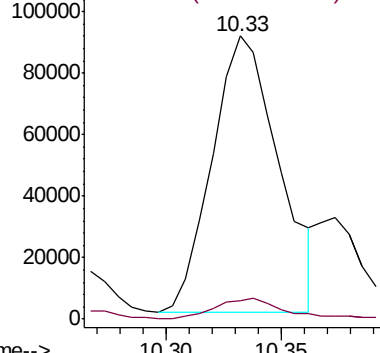
43 100

58 8.1 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#55

1,1,2-Trichloroethane

Concen: 413.060 ug/l

RT: 10.77 min Scan# 1505

Delta R.T. -0.02 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Tgt Ion: 97 Resp: 1486746

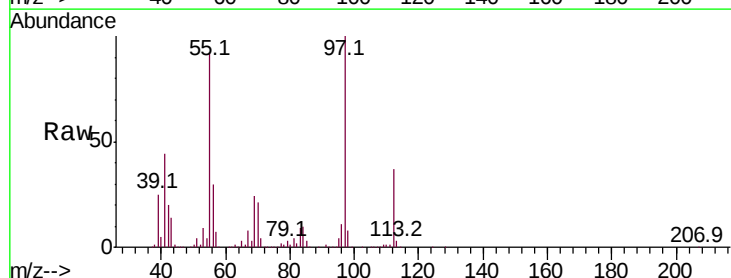
Ion Ratio Lower Upper

97 100

83 9.0 70.1 105.1#

85 3.3 44.5 66.7#

99 0.3 47.1 70.7#

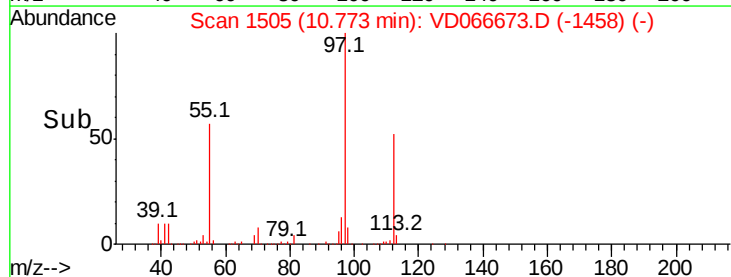
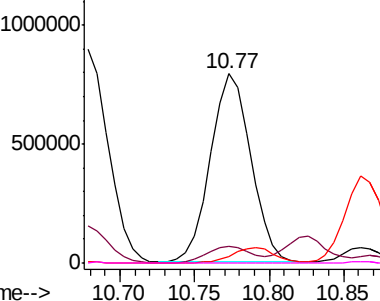


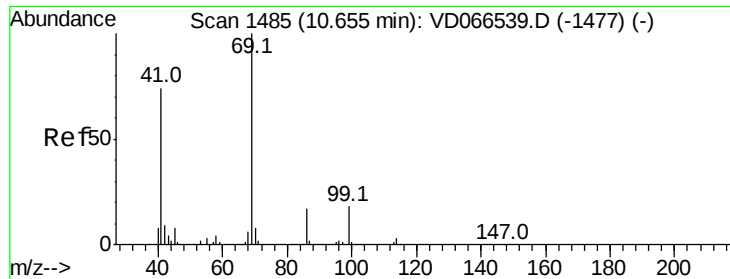
Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC





#56

Ethyl methacrylate

Concen: 84.431 ug/l

RT: 10.64 min Scan# 1482

Delta R.T. -0.02 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

ClientSampled :

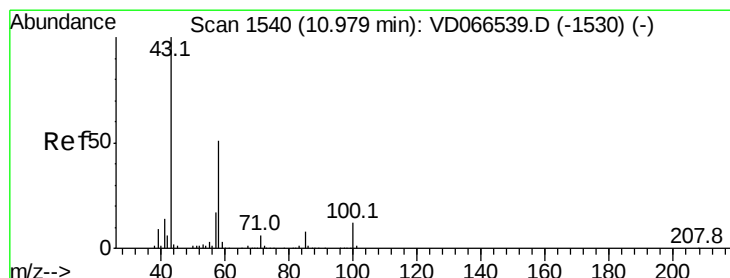
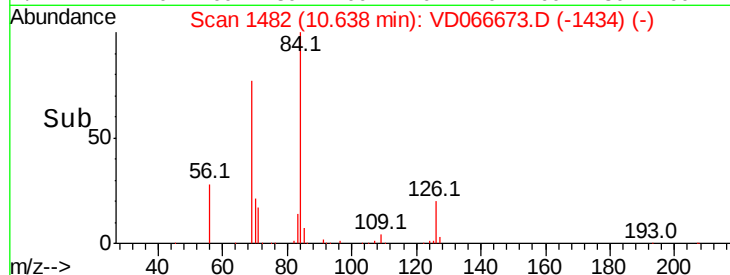
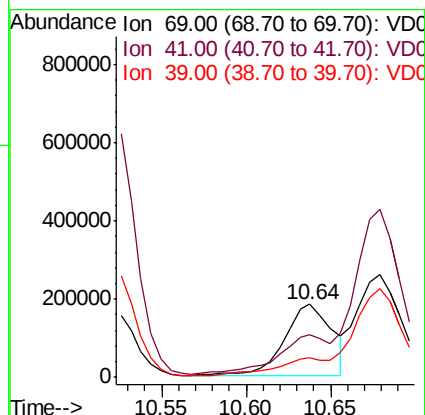
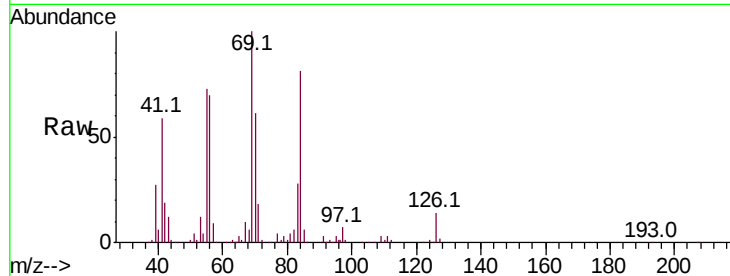
Tot Ion: 69 Resp: 353836

Ion Ratio Lower Upper

69 100

41 60.2 56.8 85.2

39 28.9 30.6 46.0#



#59

2-Hexanone

Concen: 2028.373 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. -0.02 min

Lab File: VD066673.D

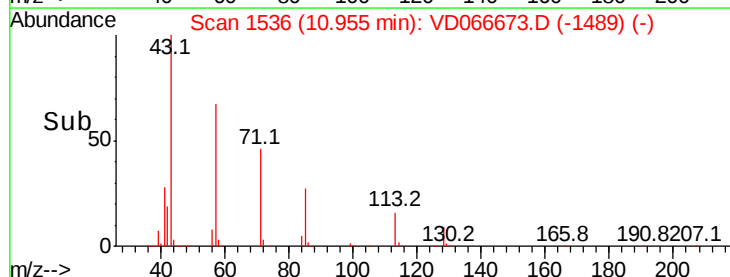
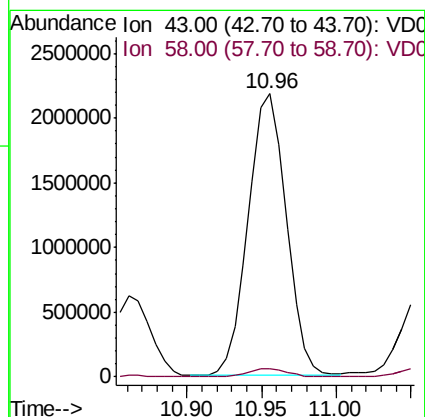
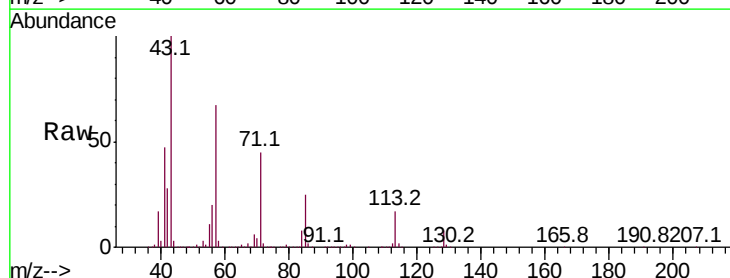
Acq: 14 Sep 2020 15:10

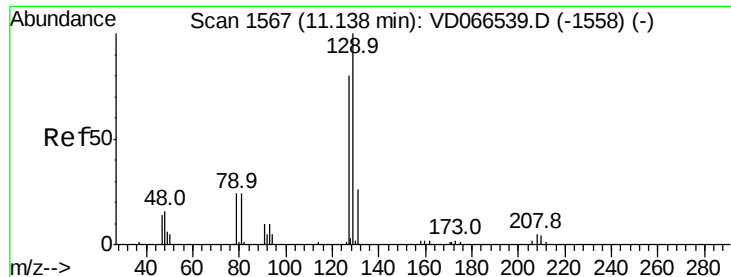
Tgt Ion: 43 Resp: 3867351

Ion Ratio Lower Upper

43 100

58 3.0 25.6 76.8#





#60

Dibromochloromethane

Concen: 1.786 ug/l

RT: 11.06 min Scan# 1553

Delta R.T. -0.08 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

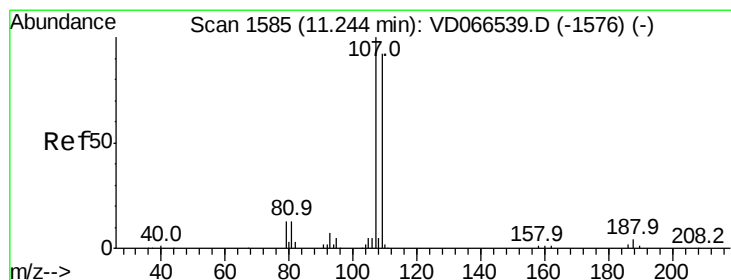
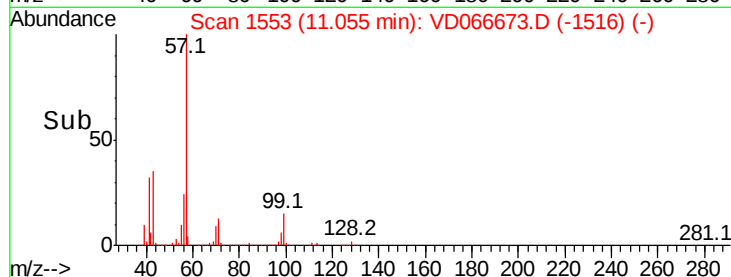
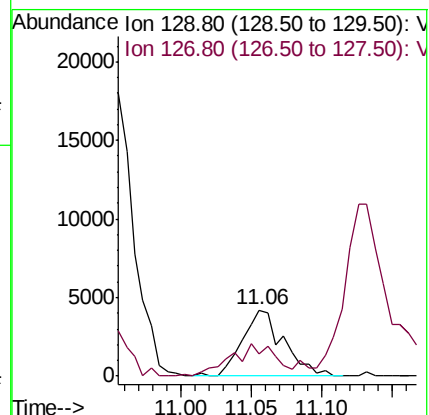
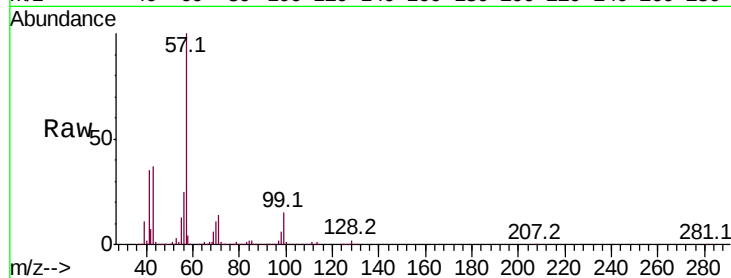
ClientSampleId :

Tot Ion:129 Resp: 8499

Ion Ratio Lower Upper

129 100

127 53.0 39.5 118.3



#61

1,2-Dibromoethane

Concen: 1.506 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD066673.D

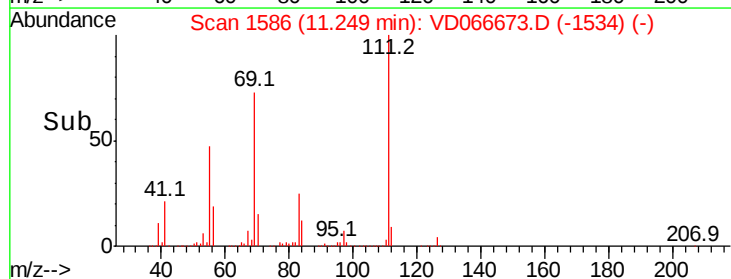
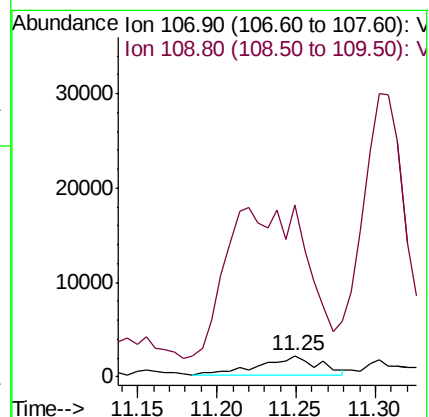
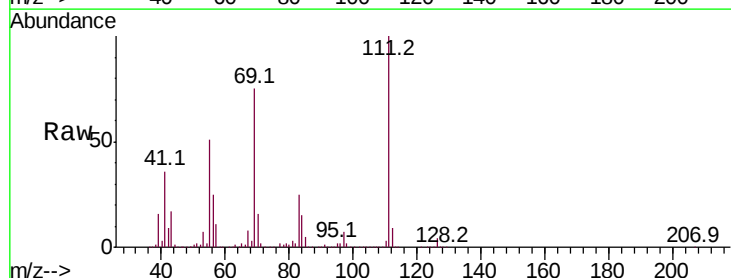
Acq: 14 Sep 2020 15:10

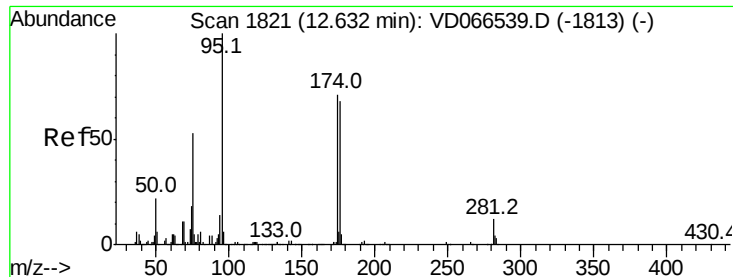
Tgt Ion:107 Resp: 5273

Ion Ratio Lower Upper

107 100

109 0.0 74.4 111.6#

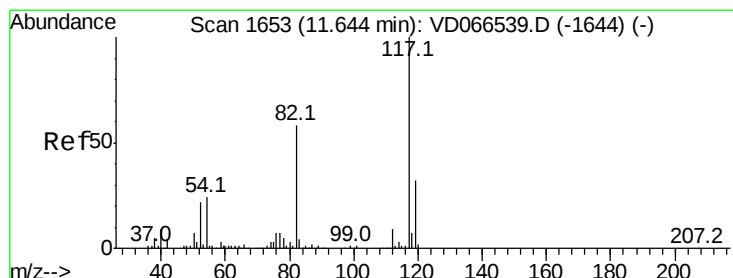
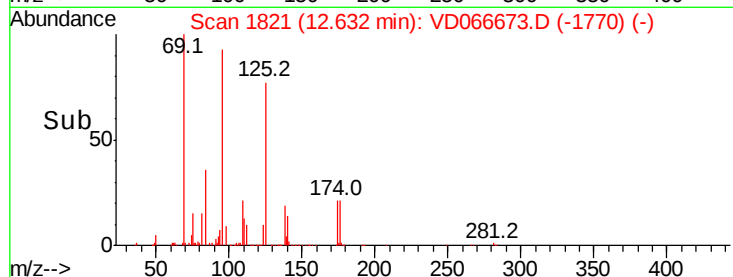
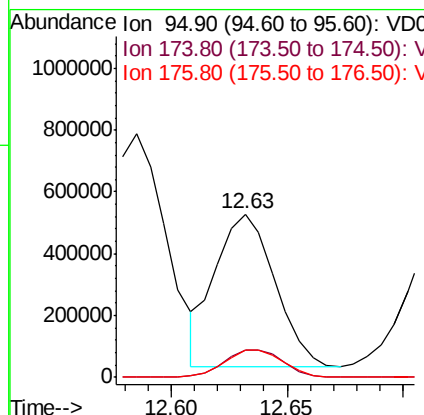
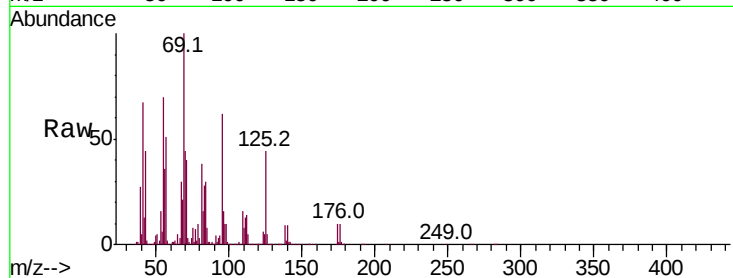




#62
4-Bromofluorobenzene
Concen: 156.766 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

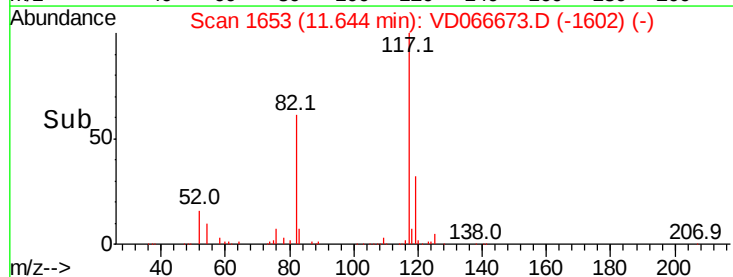
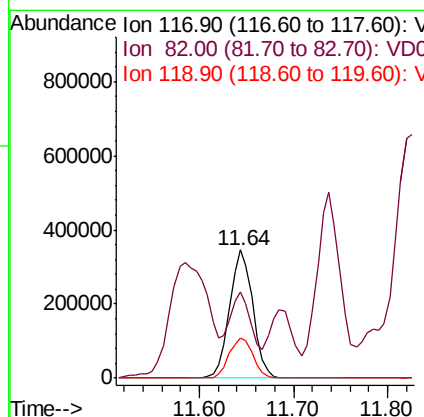
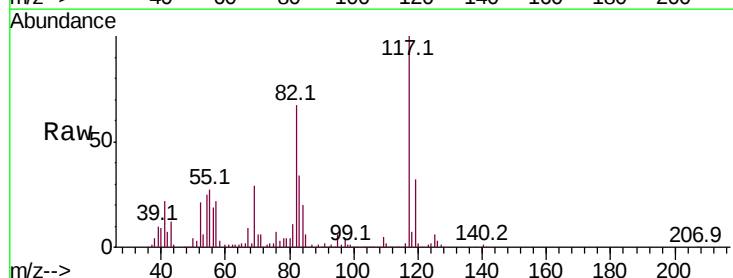
Instrument :
MSVOA_D
ClientSampleId :

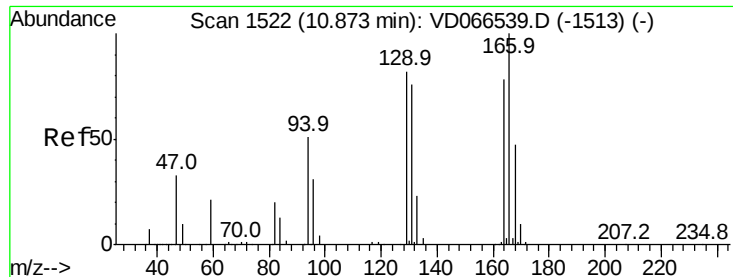
Tot Ion	95	Resp	887247
Ion Ratio	100		
Lower		0.0	155.8
Upper		0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion	117	Resp	593269
Ion Ratio	100		
Lower		46.2	69.2#
Upper		25.8	38.8

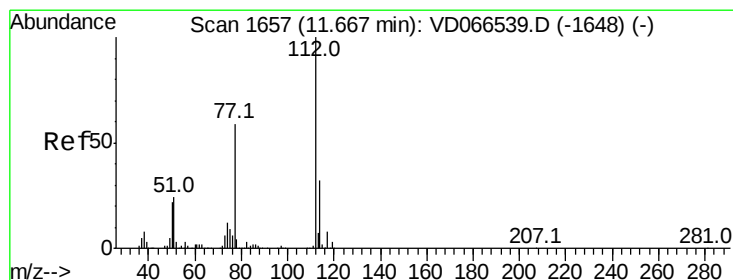
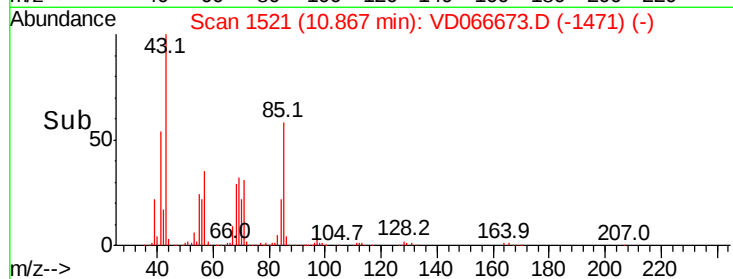
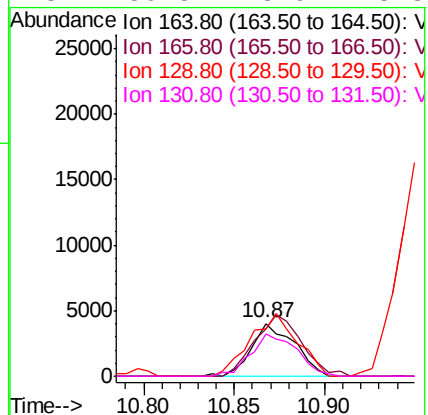
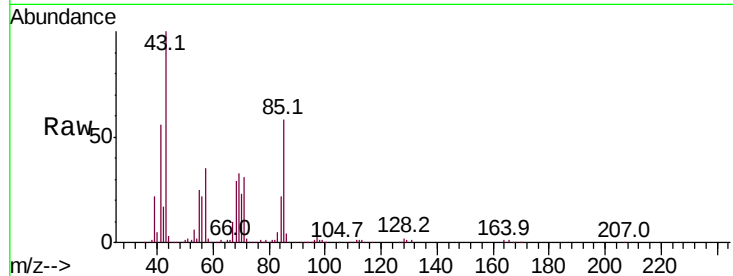




#64
Tetrachloroethene
Concen: 1.656 ug/l
RT: 10.87 min Scan# 1521
Delta R.T. -0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

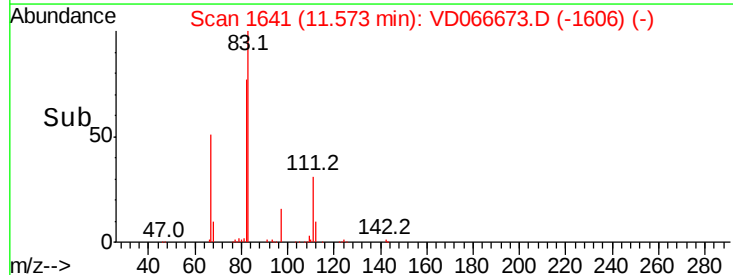
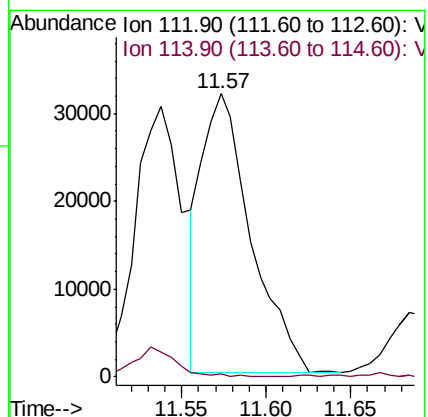
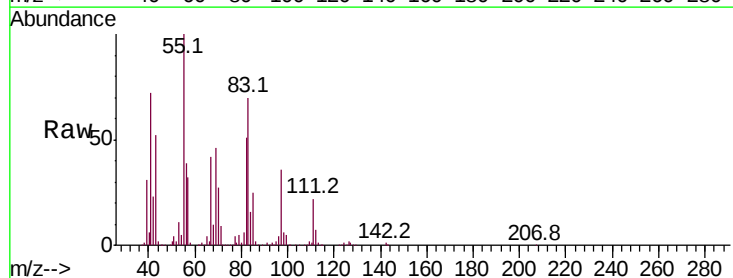
Instrument :
MSVOA_D
ClientSampled :

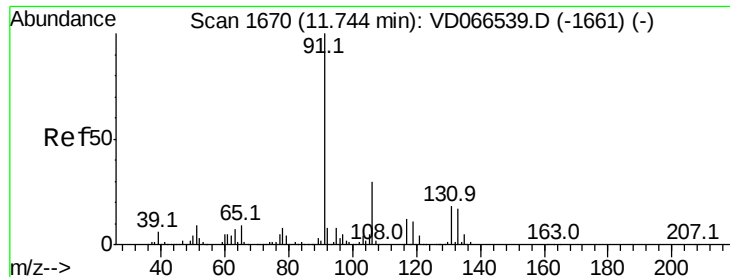
Tot Ion:164 Resp: 6616
Ion Ratio Lower Upper
164 100
166 90.2 103.2 154.8#
129 89.5 84.5 126.7
131 80.8 78.9 118.3



#65
Chlorobenzene
Concen: 5.282 ug/l
RT: 11.57 min Scan# 1641
Delta R.T. -0.09 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion:112 Resp: 64682
Ion Ratio Lower Upper
112 100
114 0.6 25.7 38.5#





#67

Ethyl Benzene

Concen: 311.082 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

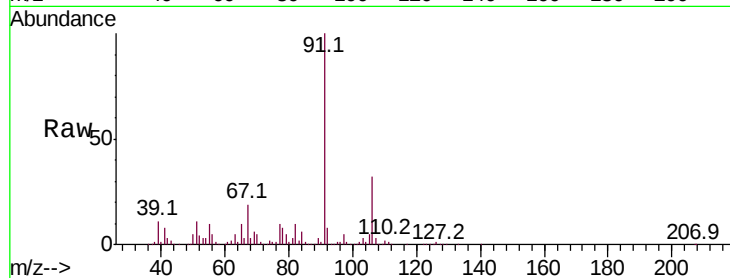
ClientSampleId :

Tot Ion: 91 Resp: 6994171

Ion Ratio Lower Upper

91 100

106 31.8 24.3 36.5

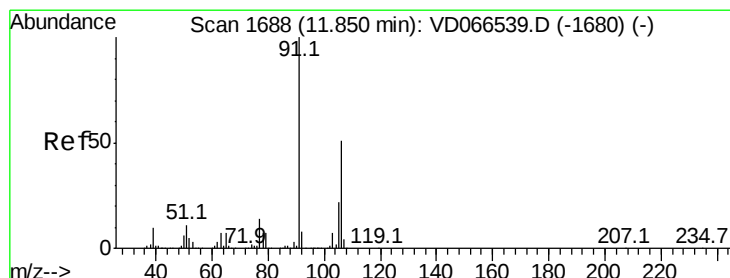
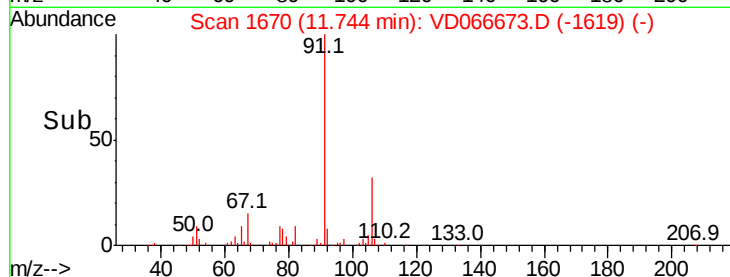


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

11.74

Time--> 11.60 11.70 11.80



#68

m/p-Xylenes

Concen: 528.335 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066673.D

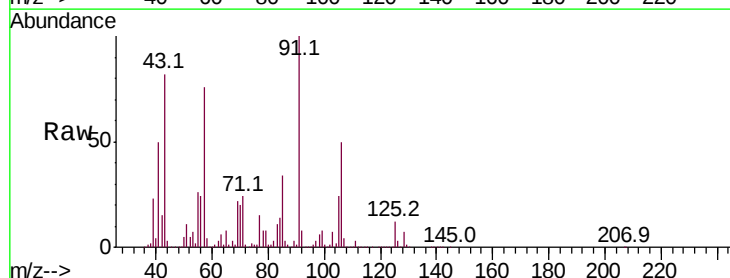
Acq: 14 Sep 2020 15:10

Tgt Ion:106 Resp: 4410648

Ion Ratio Lower Upper

106 100

91 201.1 162.4 243.6

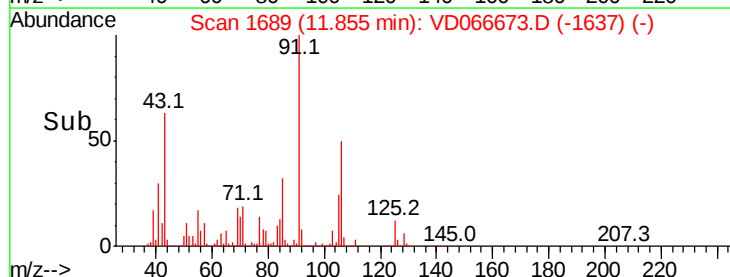


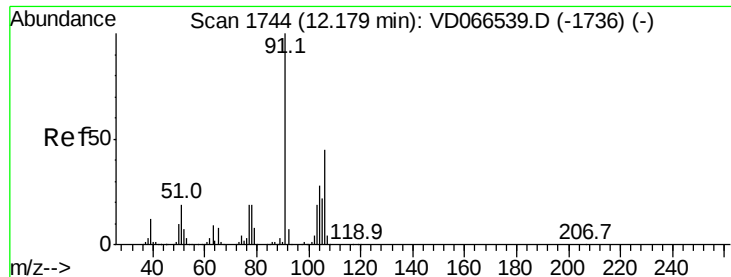
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

11.86

Time--> 11.80 11.90

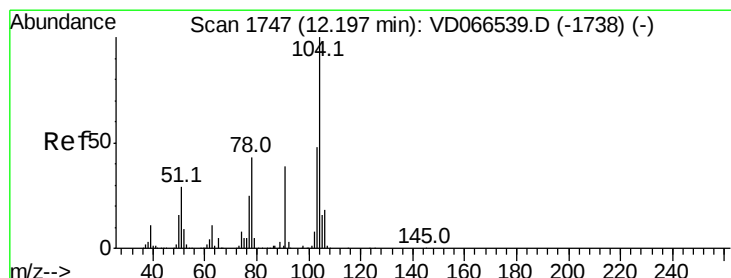
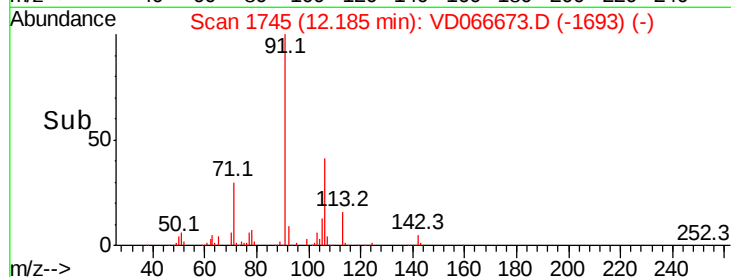
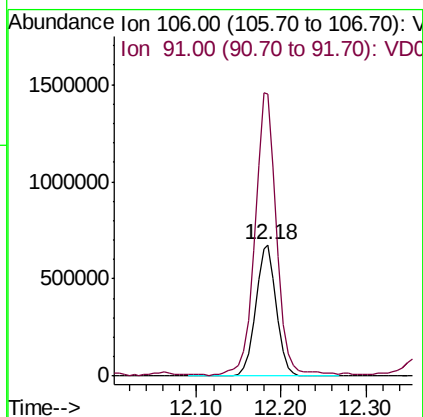
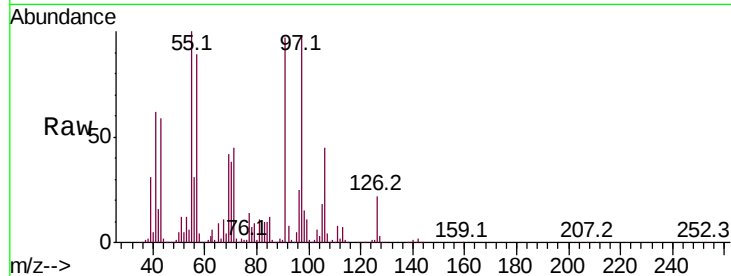




#69
o-Xylene
Concen: 153.924 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

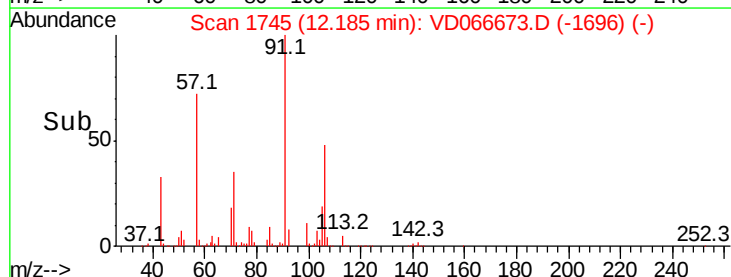
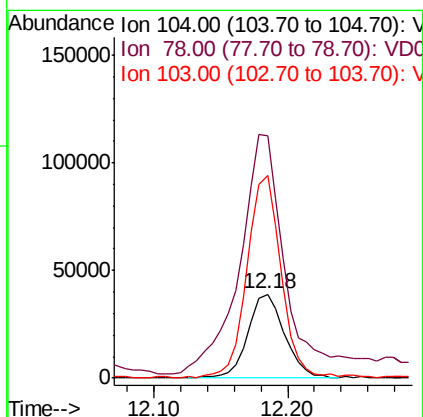
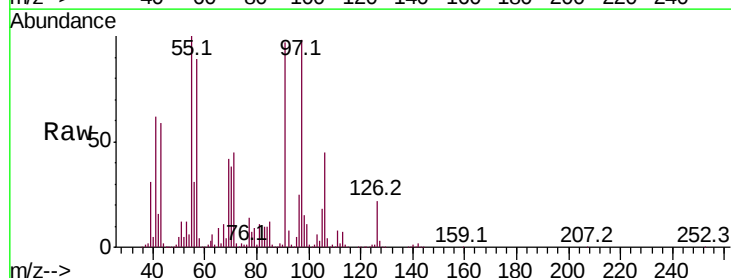
Instrument :
MSVOA_D
ClientSampleId :

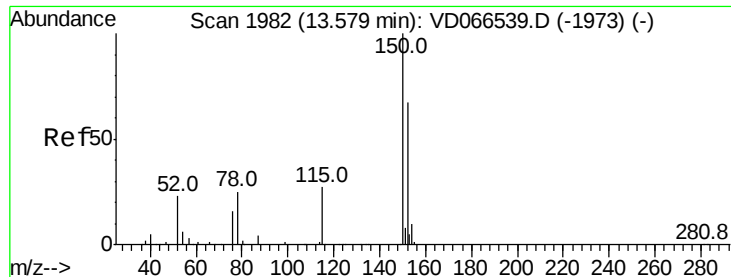
Tot Ion:106 Resp: 1151601
Ion Ratio Lower Upper
106 100
91 225.6 107.9 323.8



#70
Styrene
Concen: 5.684 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion:104 Resp: 73932
Ion Ratio Lower Upper
104 100
78 362.4 40.7 61.1#
103 227.6 42.9 64.3#



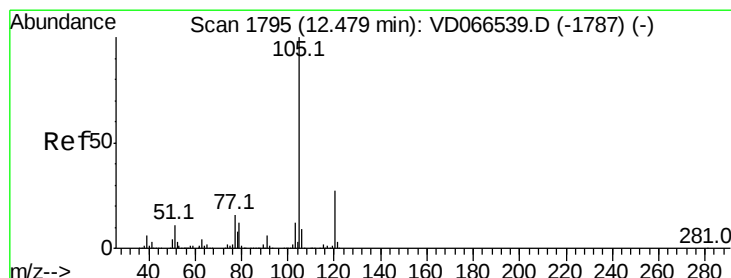
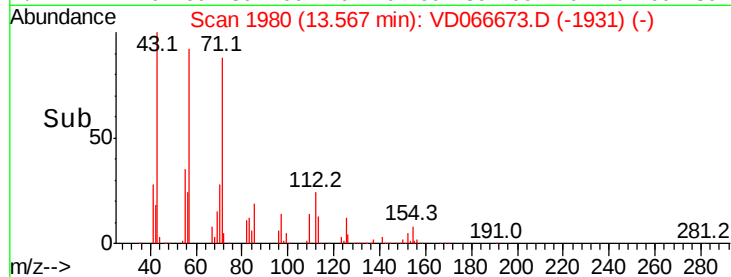
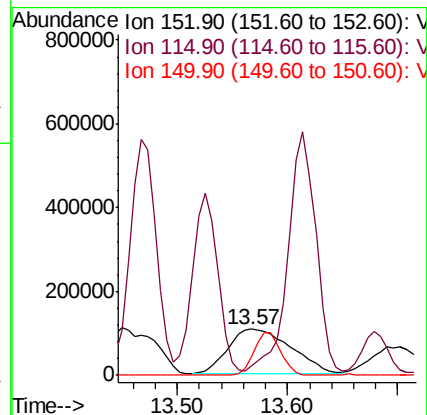
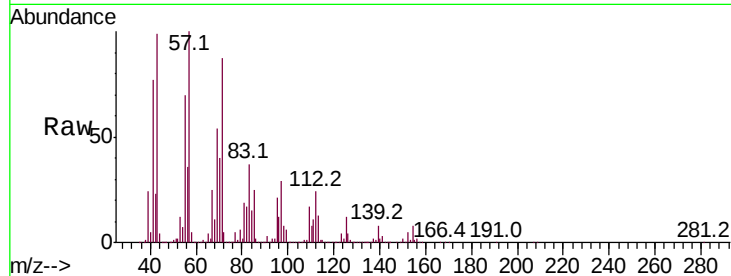


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1980
Delta R.T. -0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Instrument :
MSVOA_D
ClientSampled :

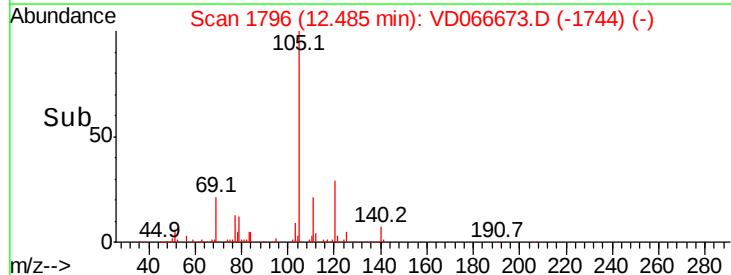
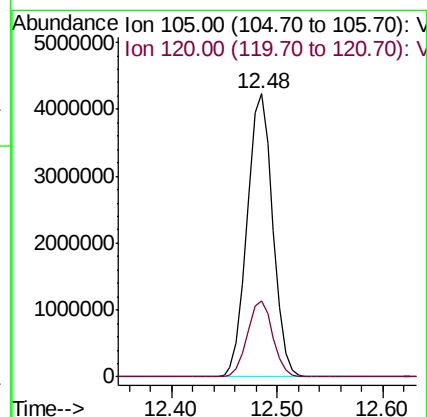
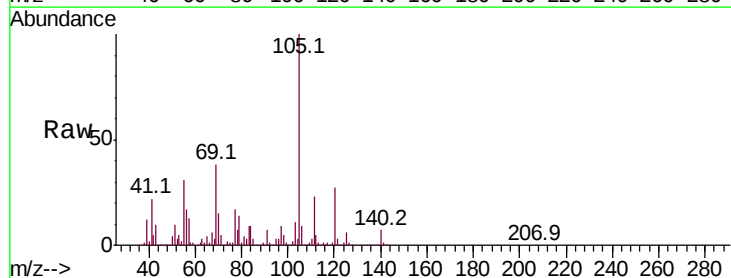
Tot Ion:152 Resp: 425321
Ion Ratio Lower Upper
152 100
115 0.0 30.4 91.2#
150 40.9 0.0 345.8

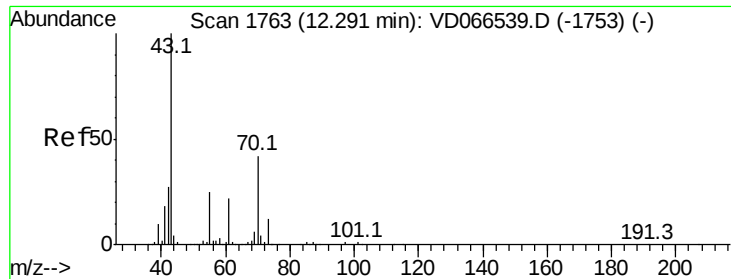


#73

Isopropylbenzene
Concen: 225.862 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion:105 Resp: 7112465
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0





#74

N-amvl acetate

Concen: 1108.720 ug/l

RT: 12.28 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 7907578

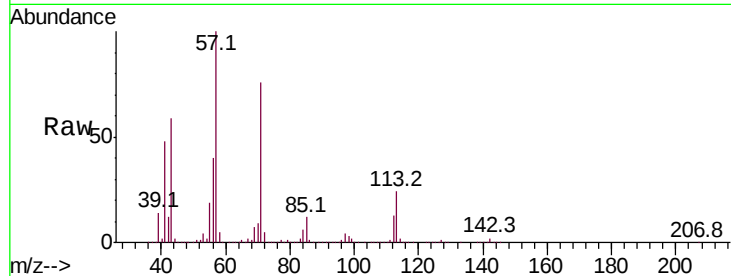
Ion Ratio Lower Upper

43 100

70 19.5 33.4 50.2#

55 13.2 20.1 30.1#

61 0.0 18.2 27.2#

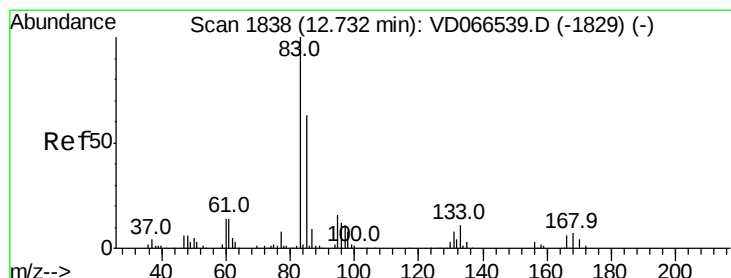
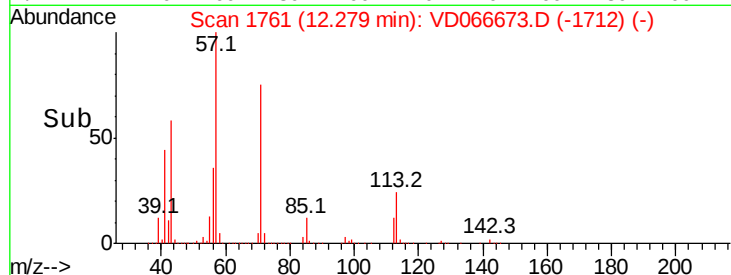
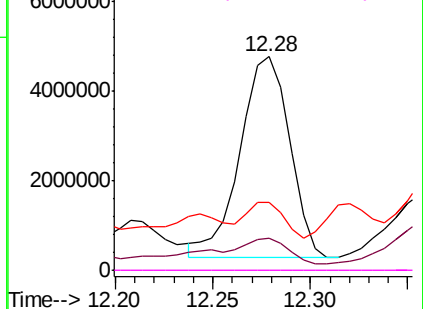


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 47.708 ug/l

RT: 12.68 min Scan# 1829

Delta R.T. -0.05 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

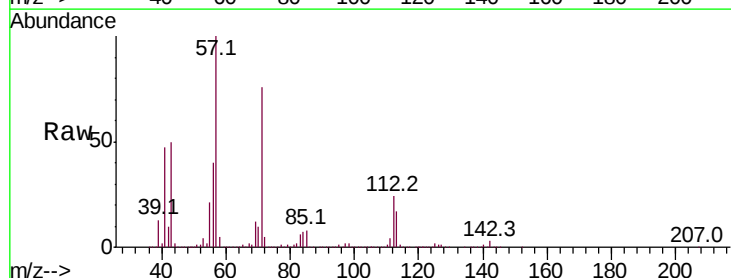
Tgt Ion: 83 Resp: 265411

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

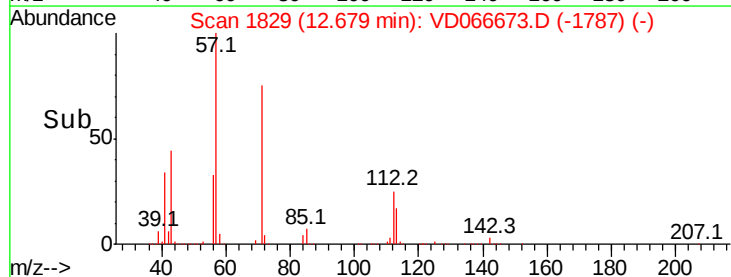
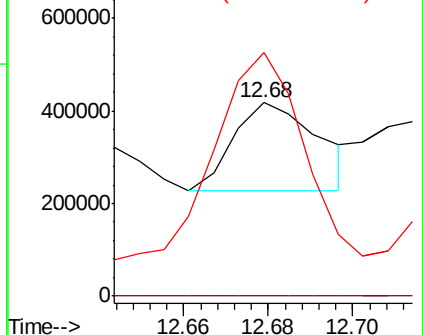
85 254.5 32.1 96.3#

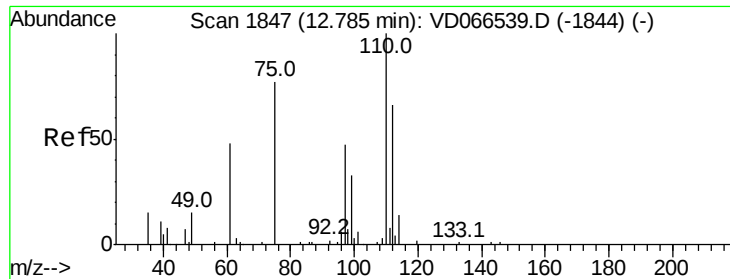


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VDC

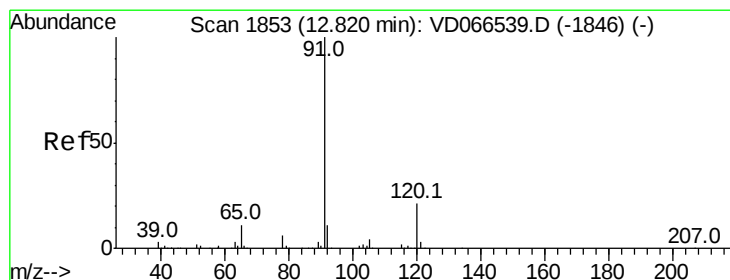
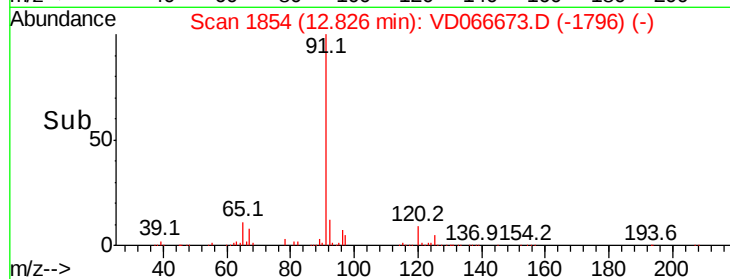
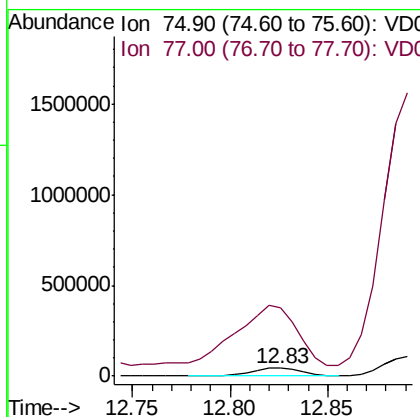
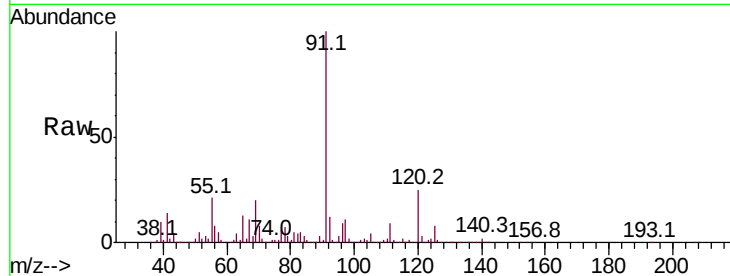




#76
1,2,3-Trichloropropane
Concen: 18.791 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.04 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

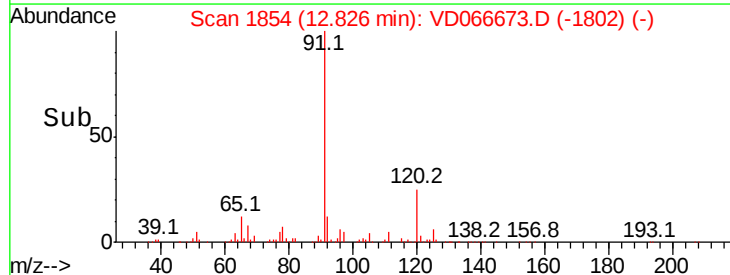
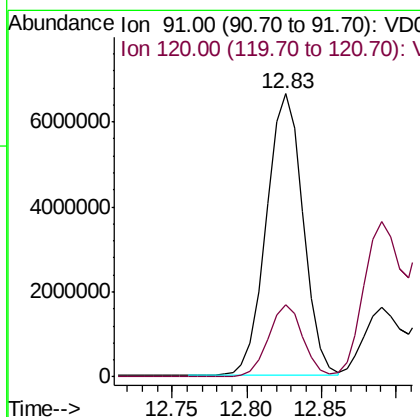
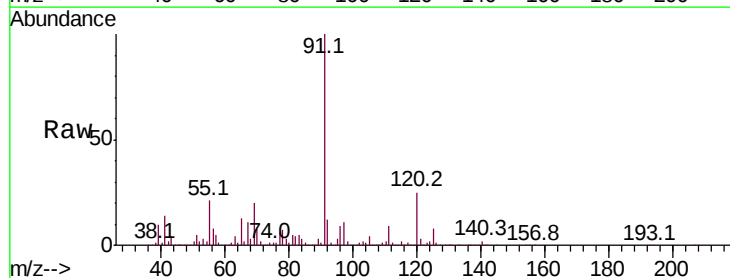
Instrument :
MSVOA_D
ClientSampleId :

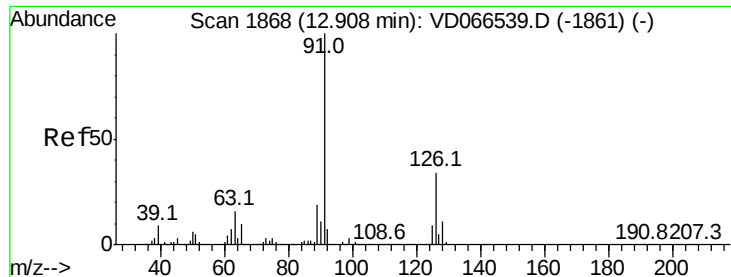
Tot Ion: 75 Resp: 76862
Ion Ratio Lower Upper
75 100
77 924.3 0.0 0.0#



#78
n-propylbenzene
Concen: 297.051 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion: 91 Resp: 11339689
Ion Ratio Lower Upper
91 100
120 24.2 11.1 33.1

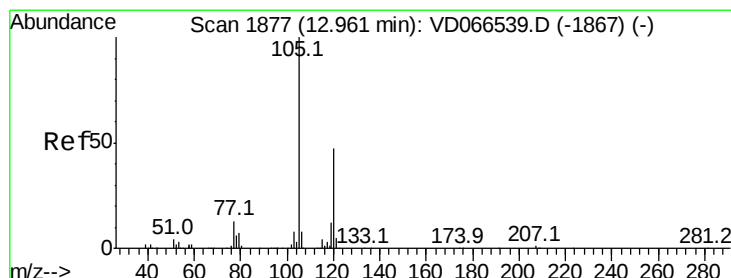
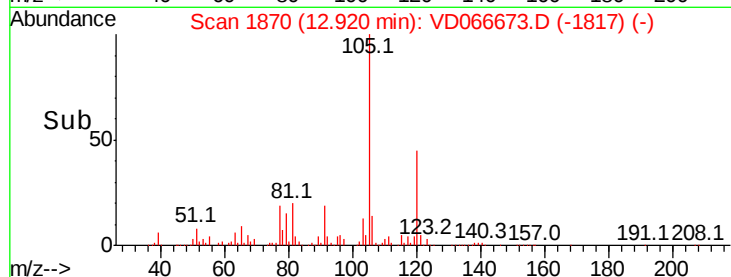
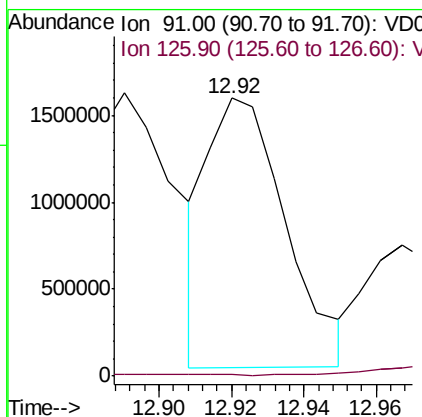
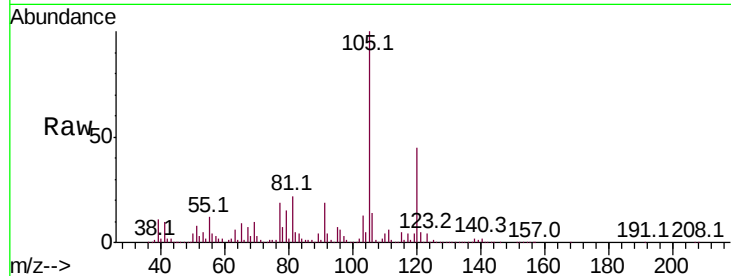




#79
 2-Chlorotoluene
 Concen: 108.686 ug/l
 RT: 12.92 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

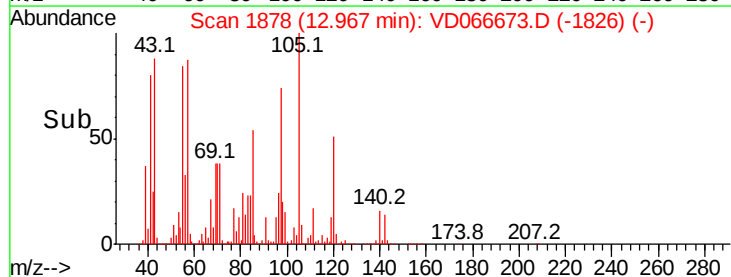
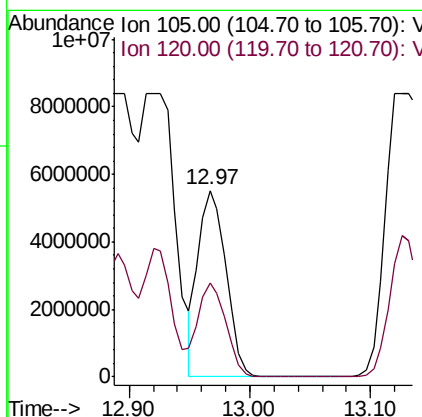
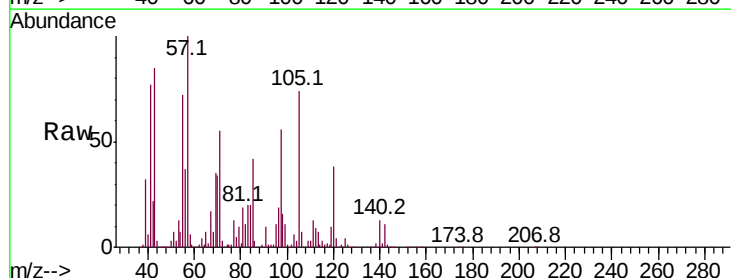
Instrument :
 MSVOA_D
 ClientSampleId :

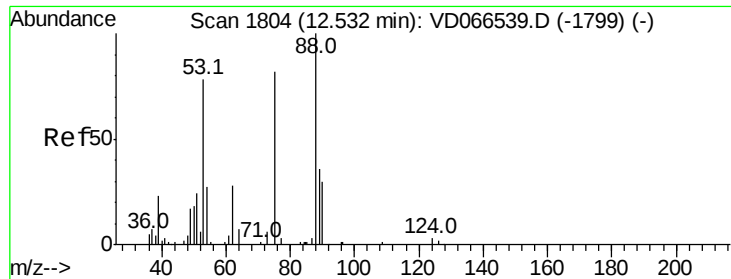
Tot Ion: 91 Resp: 2327587
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 49.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 331.962 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Tgt Ion:105 Resp: 8798465
 Ion Ratio Lower Upper
 105 100
 120 53.1 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.341 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.05 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

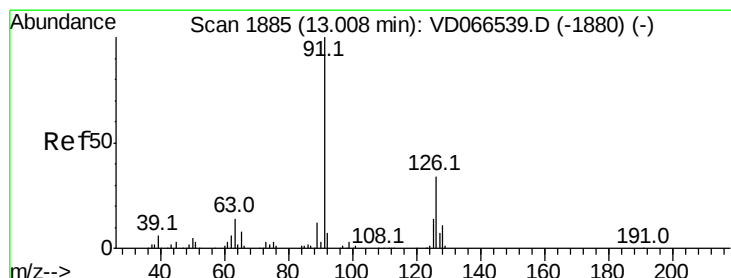
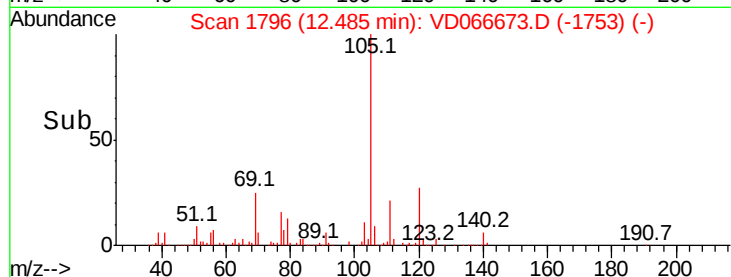
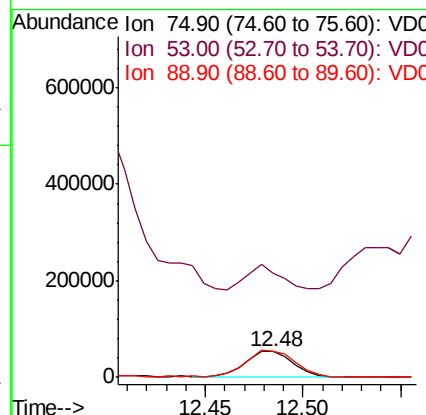
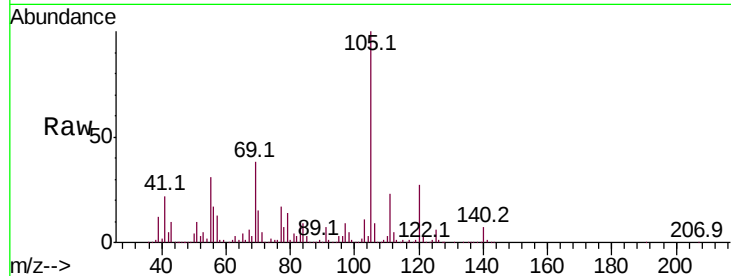
Tot Ion: 75 Resp: 88200

Ion Ratio Lower Upper

75 100

53 69.3 87.0 130.4#

89 108.2 37.1 55.7#



#82

4-Chlorotoluene

Concen: 48.134 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.04 min

Lab File: VD066673.D

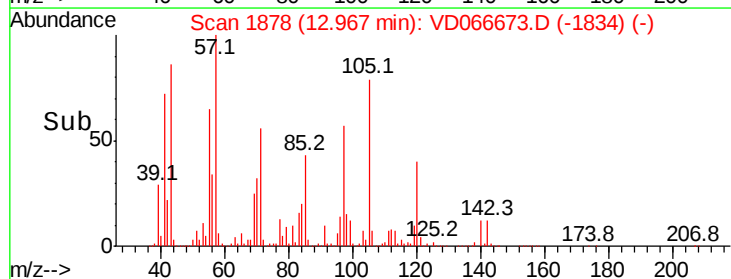
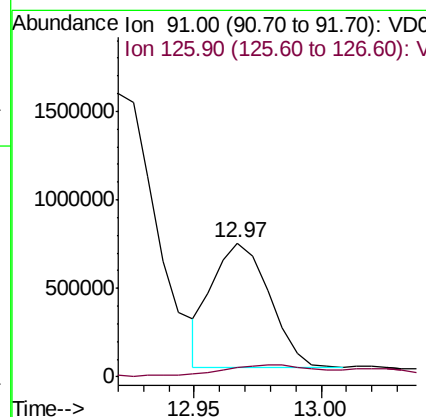
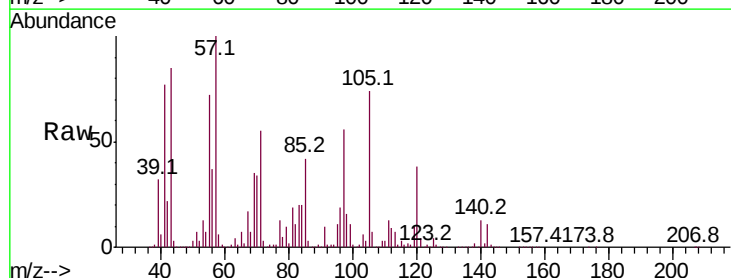
Acq: 14 Sep 2020 15:10

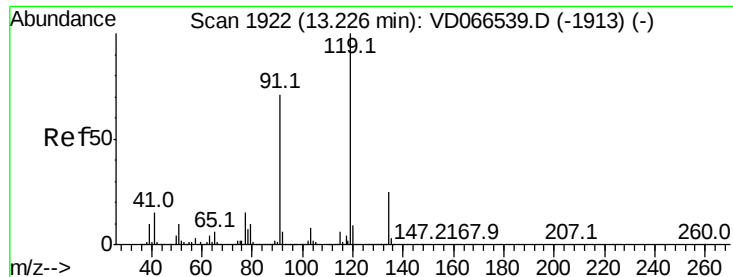
Tgt Ion: 91 Resp: 1102318

Ion Ratio Lower Upper

91 100

126 13.2 16.4 49.1#

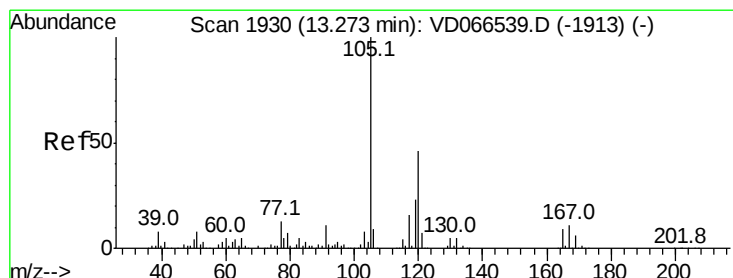
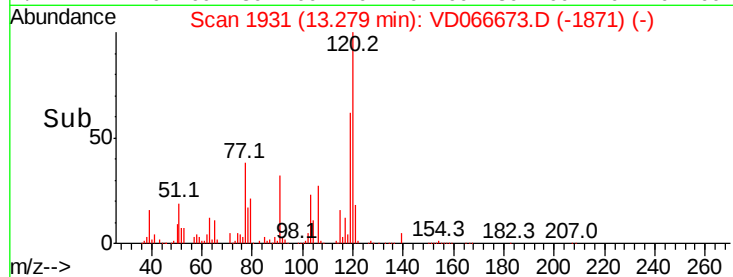
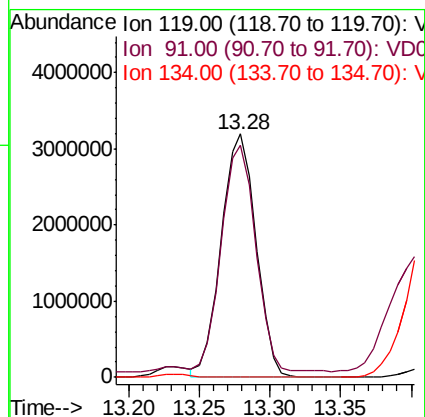
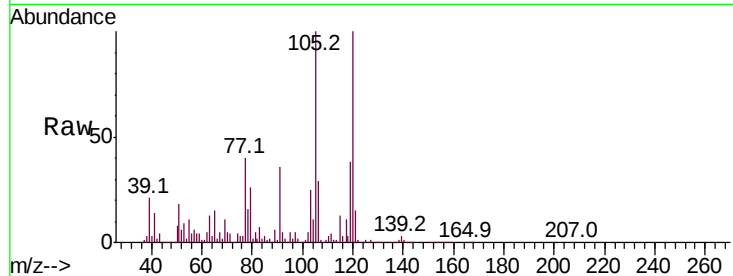




#83
 tert-Butylbenzene
 Concen: 252.931 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.05 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

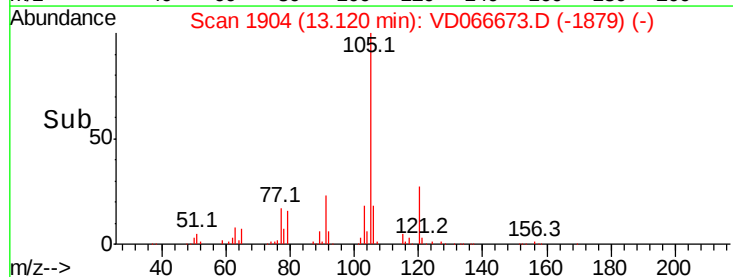
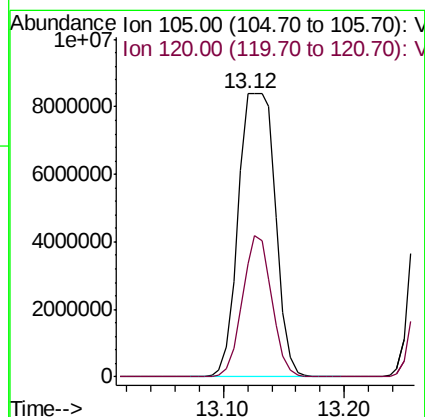
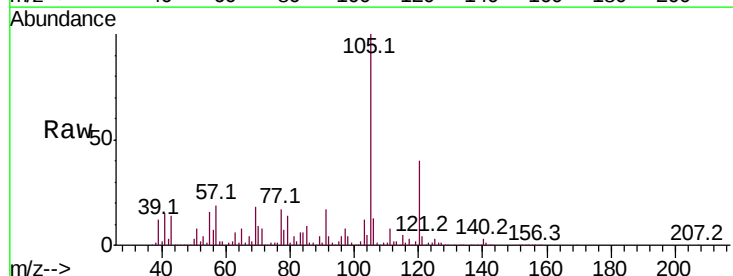
Instrument :
 MSVOA_D
 ClientSampled :

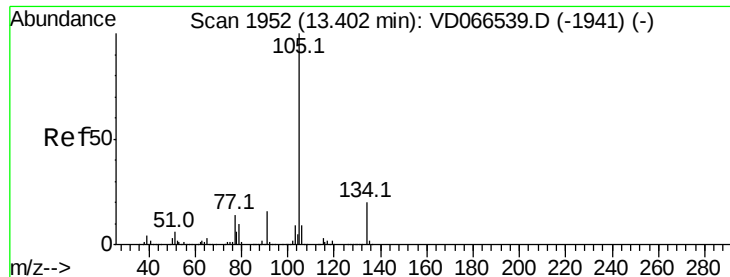
Tot Ion:119 Resp: 5474394
 Ion Ratio Lower Upper
 119 100
 91 91.4 35.2 105.6
 134 0.0 13.5 40.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 677.307 ug/l
 RT: 13.12 min Scan# 1904
 Delta R.T. -0.15 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Tgt Ion:105 Resp:17872926
 Ion Ratio Lower Upper
 105 100
 120 39.5 22.6 67.7

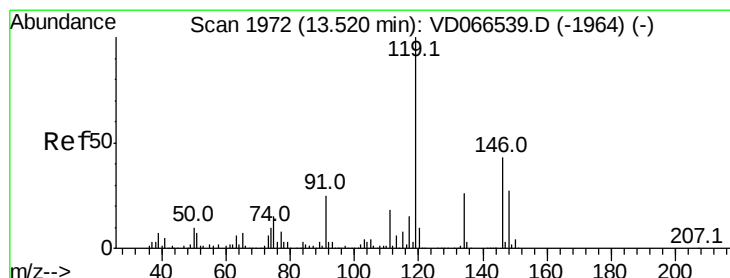
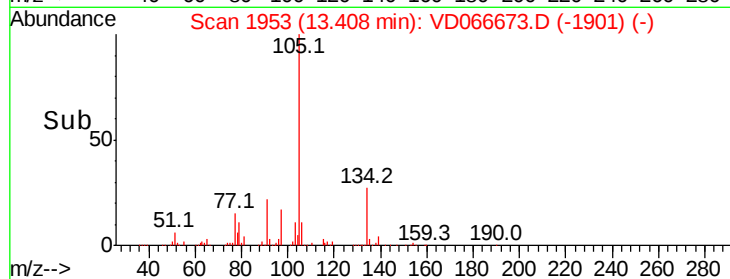
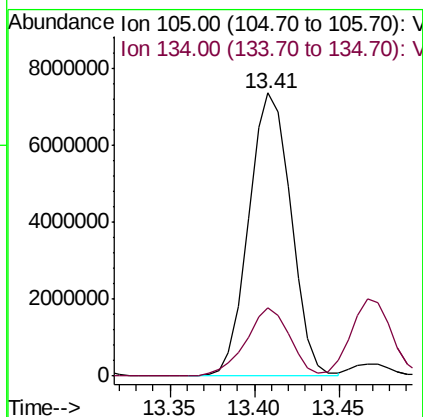
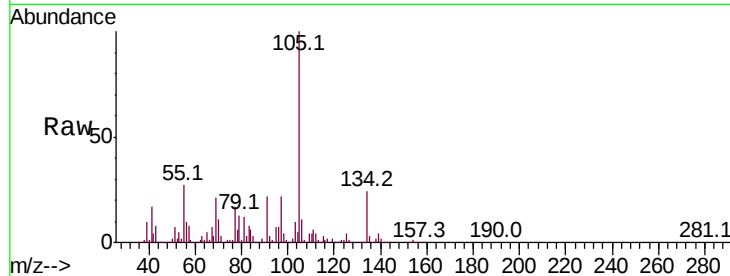




#85
 sec-Butylbenzene
 Concen: 409.526 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

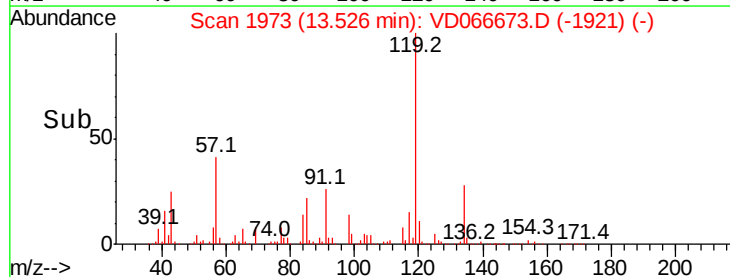
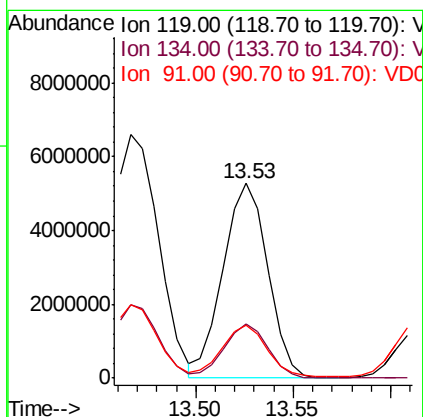
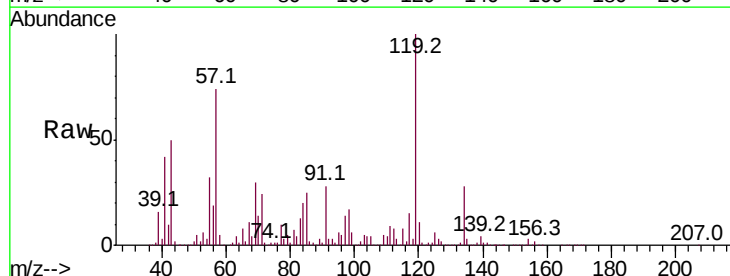
Instrument :
 MSVOA_D
 ClientSampleId :

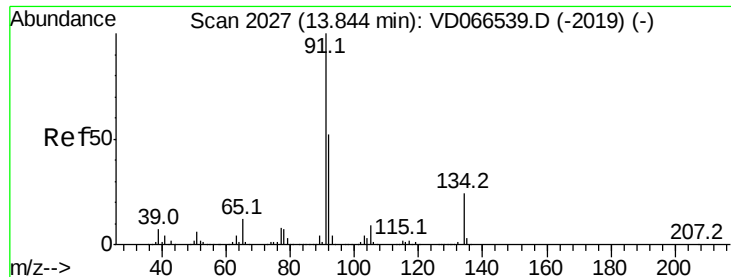
Tot Ion:105 Resp:12770200
 Ion Ratio Lower Upper
 105 100
 134 25.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 299.230 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Tgt Ion:119 Resp: 8398424
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.7 38.0
 91 25.9 12.5 37.5

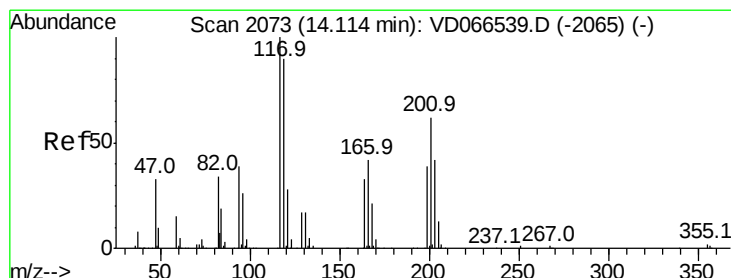
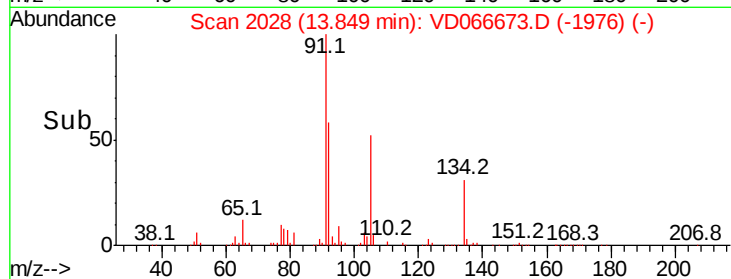
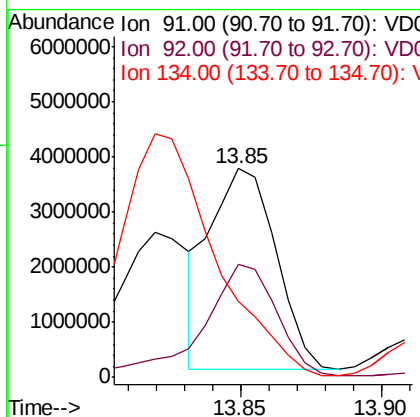
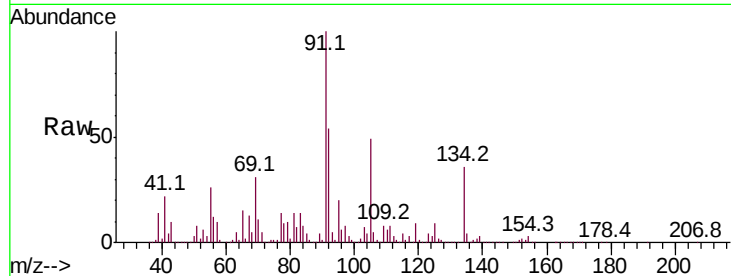




#89
n-Butylbenzene
Concen: 216.119 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

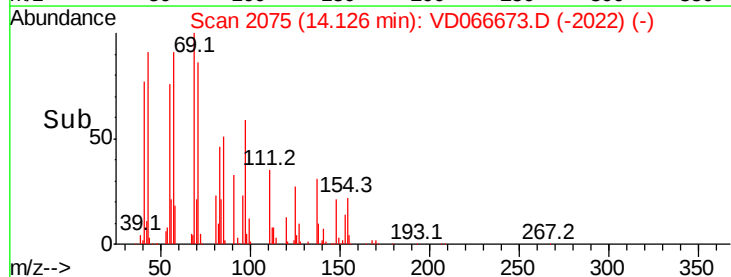
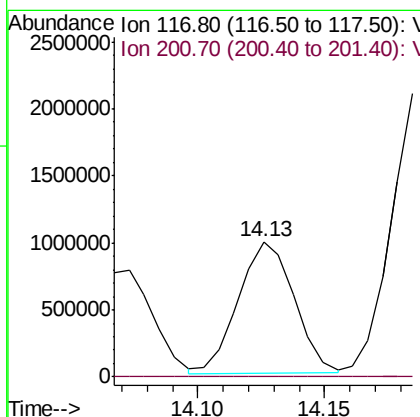
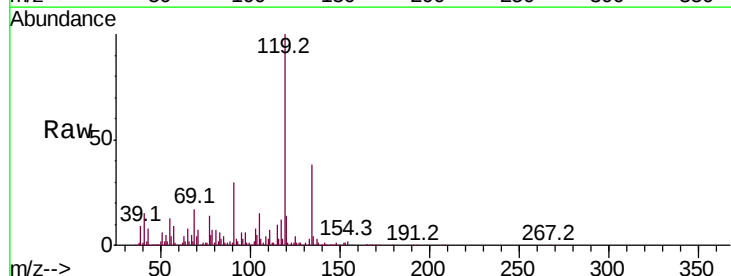
Instrument :
MSVOA_D
ClientSampleID :

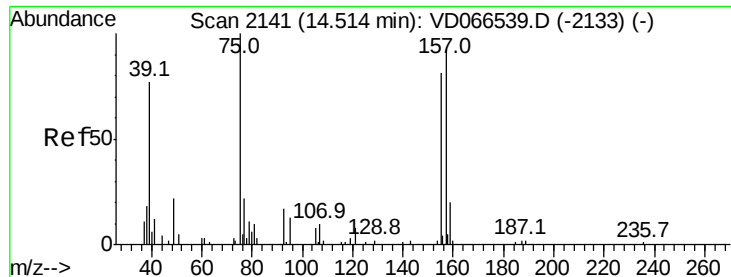
Tot Ion: 91 Resp: 5910962
Ion Ratio Lower Upper
91 100
92 62.1 26.5 79.5
134 0.0 12.1 36.3#



#90
Hexachloroethane
Concen: 248.478 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD066673.D
Acq: 14 Sep 2020 15:10

Tgt Ion: 117 Resp: 1502666
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 43.444 ug/l

RT: 14.53 min Scan# 2144

Delta R.T. 0.02 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

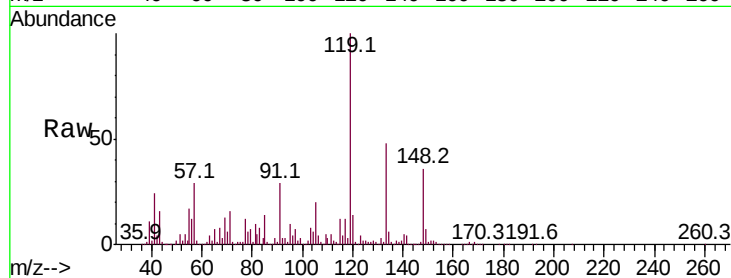
Tot Ion: 75 Resp: 41057

Ion Ratio Lower Upper

75 100

155 25.7 39.3 117.8#

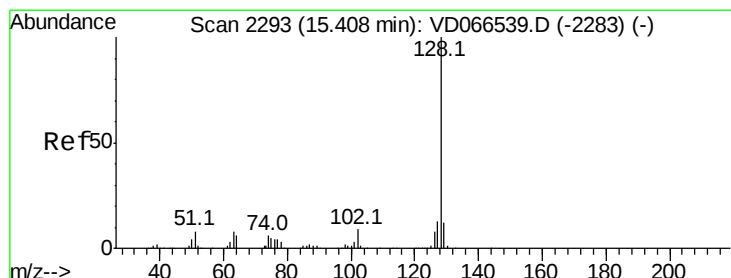
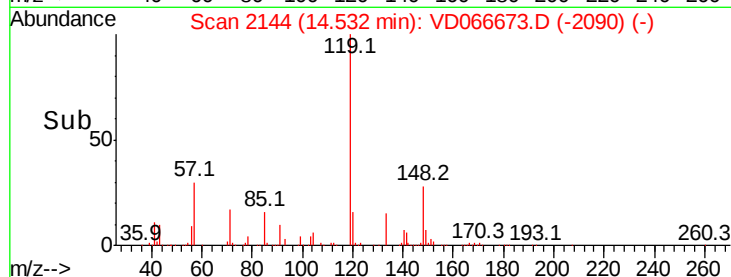
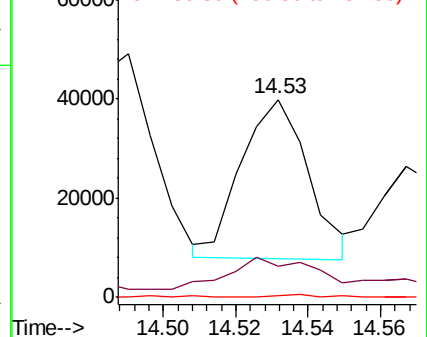
157 1.0 46.0 137.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 632.858 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066673.D

Acq: 14 Sep 2020 15:10

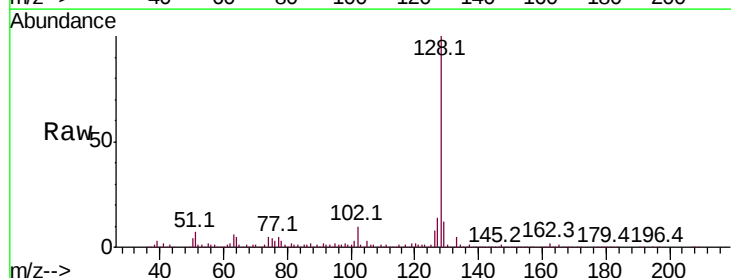
Tgt Ion:128 Resp: 8085411

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

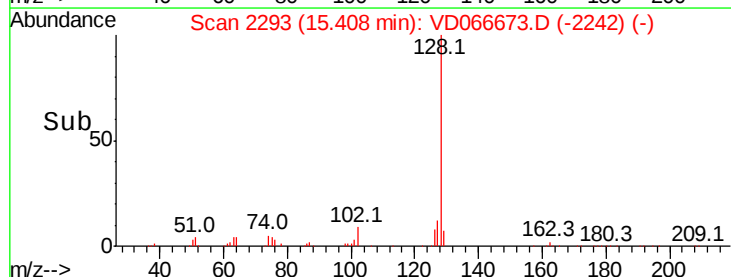
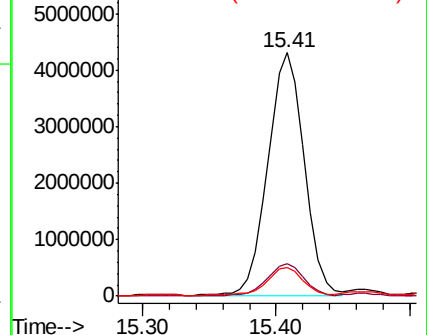
129 11.4 9.1 13.7

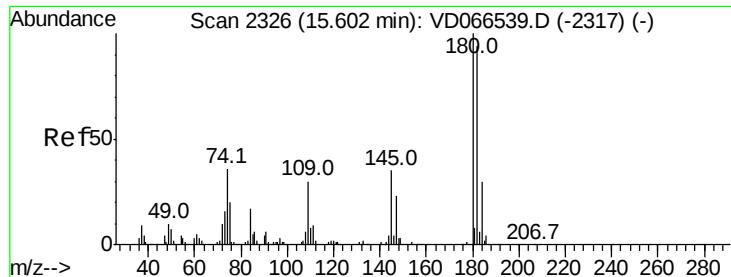


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

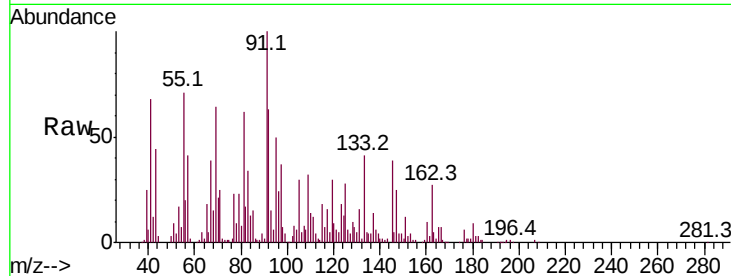




#96
 1,2,3-Trichlorobenzene
 Concen: 1.338 ug/l
 RT: 15.63 min Scan# 2330
 Delta R.T. 0.02 min
 Lab File: VD066673.D
 Acq: 14 Sep 2020 15:10

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 8339
 Ion Ratio Lower Upper
 180 100
 182 64.2 47.9 143.6
 145 0.0 17.3 51.7#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

